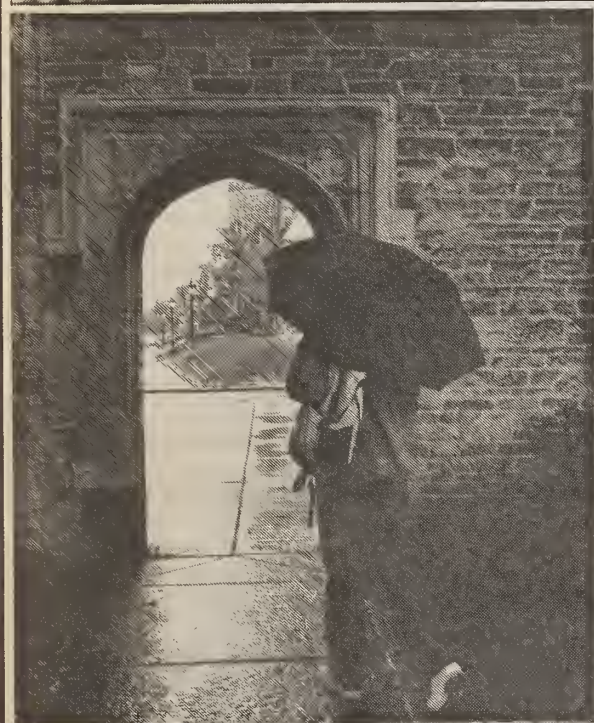


UNIVERSITY
OF TORONTO

Bulletin

NUMBER 21
42nd YEARMONDAY,
JUNE 26,
1989

Garden path

Passing through the doorway near Soldiers' Tower, Woodsworth student Dorian Simos spies the roses near the SAC offices. Today is expected to be hot, hazy and humid again, with a chance of thunderstorms.

Chinese students' privacy will be protected: Connell

by Jane Stirling

IN RESPONSE to concerns among Chinese students that their government is spying on them, President George Connell has promised to help protect their privacy.

Faculty members will be advised not to disclose any information about the students without their permission, Connell told an audience of students, faculty and administrators at the International Student Centre June 21.

The Chinese consulate is monitoring student activities and it's possible that some students may act as spies for the government, said one member of the audience.

Calling the recent massacre in Tiananmen Square "the most shocking experience we've had for many years in any international event," the president said the loss of lives and the subsequent government crackdown "is an experience all of us feel deeply about."

He has written a letter to external affairs minister Joe Clark expressing the University's distress at the assault on student demonstrators.

"We are particularly concerned by reports of widespread repression of faculty, staff and students at universities in many parts of China," the letter says. "I encourage you in any actions you might take to persuade the Chinese government to abandon the repression which tramples human rights and destroys academic freedom."

Connell has asked for a clarification of the federal government's position with regard to programs that have been suspended temporarily, such as those of the Canadian International Development

See CONCERN : Page 2

Alcan to be first industrial partner for supercomputer

THE ONTARIO Centre for Large Scale Computation is in the final stages of forming a partnership with Alcan International Ltd. Barring a large financial emergency, no further operating losses are expected, says Richard Criddle, vice-president (administration).

Alcan, the first industrial partner of the OCLSC, has applied for matching grants from the Natural Sciences & Engineering Research Council for two research projects and will finance two projects itself, Criddle told the Audit Committee last month.

The cost of the maintenance contract for the supercomputer will be reduced by approximately \$1.4 million. The centre was originally meant to operate as a business but was unsuccessful in attracting sufficient private funding. It is now seen as a research support service and its revenues or losses will be dealt with through the normal budget process of the University.

Gov't provides relief from tax

IN RESPONSE to a request from the Council of Ontario Universities, the provincial government agreed June 15 to provide \$6.3 million to meet the additional cost to the universities of the employer health levy.

However, the grant will only cover the added premiums the universities would have paid between Jan. 1, 1990 and March 31, the end of the government's fiscal year.

The tax increase, announced May 17 in the provincial budget, is to replace employee premiums, that will drop to zero in 1990. Without the grant, OHIP would have cost universities about \$37.5 million, about \$24 million a year more than they now pay. At U of T, the additional cost would have been about \$5.7 million a year.

COU would like permanent relief from the increases in employer contributions to the health insurance plan. Just as the province pays the universities' municipal taxes, it should absorb increases in OHIP payments, COU says.

Council representatives met Ontario treasurer Robert Nixon June 12 to request an exemption from the higher OHIP payroll tax.

Flow through

On June 16, the Ministry of Colleges & Universities announced a \$46.7 million fund to pay the "flow through" cost of increases in university enrolment from 1987-88.

COU says that while the new money will cover only 1990-91, it views the announcement as a commitment to funding over several years.

"The universities could not have maintained present levels of intake without the additional funding being made available," a COU news release says.

At the June 22 Governing Council meeting, President George Connell said his enthusiasm for the announcement was "somewhat muted."

The transition from accessibility funds to the new funding arrangement will be "less advantageous to U of T than might have been the case," he said. Given the funding formula, other universities will be in a "more favourable position."

The government established an "accessibility fund" two years ago to pay for larger-than-average enrolment increases. However, there was provision at that time for revenue increases in subsequent years.

Termites: a gnawing problem

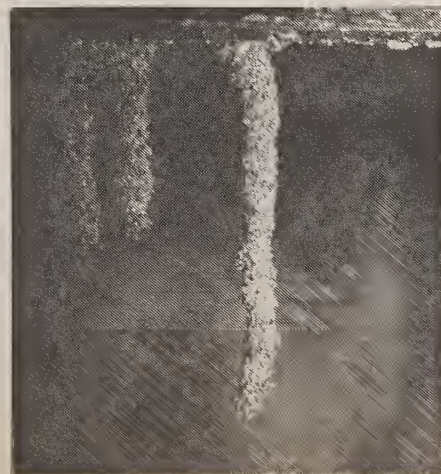
by Karina Dahlin

ON A HOMEOWNER'S scale of horrors, termites are close to the top. Little critters chomping away at the supporting structures of your home are prime material for nightmares.

In Toronto, the problem is getting worse. Although only five percent of all homes in the city have been treated for termite infestation, 20 percent are in danger because they are located on blocks where termites exist.

Between 1984 and 1988 the cost of treating termite infestation in Toronto alone was \$4.8 million. Property owners paid \$2.1 million while city and provincial grants contributed \$2.7 million.

See TERMITE : Page 4



Termite tubes dropping from the eaves are a sign of unwelcome social insects.

Inside

Harald Bohne discusses his career so far. **PAGE 6**

Marsh Jeanneret considers new technology. **PAGE 7**

Joseph Gulsoy helps to keep Catalan alive. **PAGE 8**

Marian Packham and **Brian Fitch** are named University Professors. **PAGE 9**

Kurt Levy and many others have received awards this spring. **Nota Bene. PAGE 10**

David Anderson advocates a university in York region. **PAGE 11**

John MacDonald remembers Chinese friends. **PAGE 16**

Supplement: U of T financial statements. **PAGES S1-S12**

New GC structure 'a step forward'

THE FIRST year of the new governing structure was a step forward for the University, Governing Council member Douglas Grant said at the June 22 meeting.

The establishment of the board system, particularly the Academic Board, has given faculty members a greater voice in the affairs at U of T, he said.

Outgoing chair Joan Randall said the new system has provided "better involvement and more satisfaction for all members" including strong debates and challenging arguments which contribute to better results.

However, she asked Council to ensure a strong relationship exists among all the boards. "The differences among different boards shouldn't cloud all views."

Grant said events of the previous year

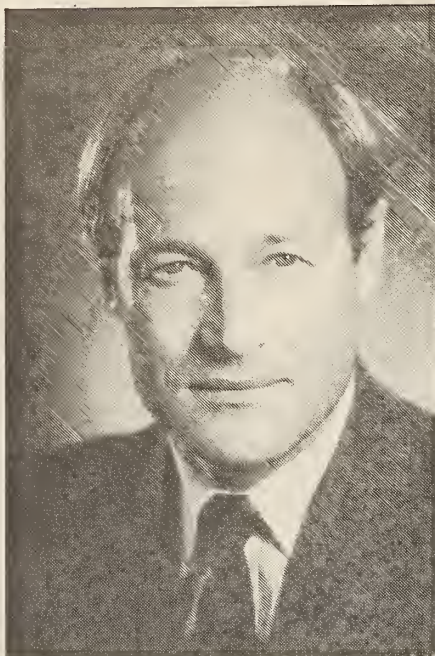
have shown the University its need for self-reliance.

"Difficult periods are healthy if they take us back to the fundamentals. This will be a good opportunity for the University to refocus and regenerate," he said.

A search for private funding has left "no major source untapped." U of T can't rely on the government to provide for all its needs. "We have to work with the government. There has to be a proper costing of all our activities," Grant said.

The Ministry of Colleges & Universities will have to make tough choices in the coming years, including the possibility of increasing tuition. Students who are paying 12.5 percent of the costs of their education "aren't carrying enough," he said.

Incoming chair Robert McGavin thanked Randall for her nine years of service to the University. "In a word, she is truly impressive, a committed member to Governing Council. We're grateful to you, we'll miss you and a heartfelt thanks and our best wishes," he said.



Robert McGavin, chair of Governing Council for 1989-90.

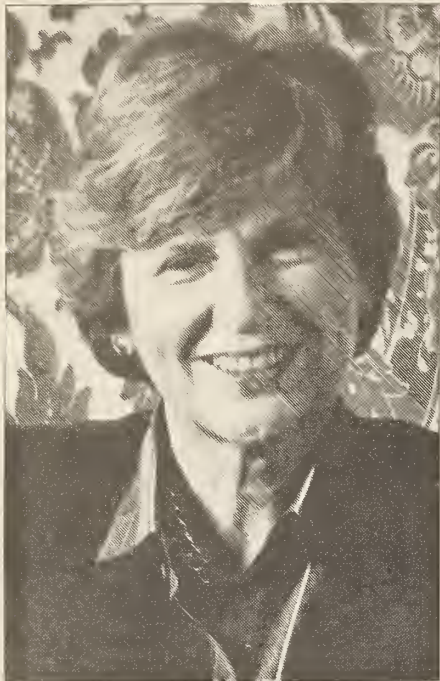
Graham new head of OCUFA

PROFESSOR Bill Graham of the Division of Humanities at Scarborough College has been elected president of the Ontario Confederation of University Faculty Associations.

Graham was elected for a one-year term at the June 9 board meeting of OCUFA. He succeeds Professor John Starkey of the University of Western Ontario.

Graham has taught at U of T since 1966. He is vice-president (salary, benefits and pensions) of the faculty association and was deputy co-chair of the faculty/staff Breakthrough campaign.

OCUFA represents faculty associations at Ontario universities and colleges with degree-granting status. Graham said he wants to enhance OCUFA's role and "have as much impact on the provincial government as possible."



Outgoing chair of Governing Council Joan Randall.

Concern for Chinese students' safety

Continued from Page 1

Agency (CIDA) and the International Development Research Centre (IDRC).

When Ottawa allows federally funded projects to proceed, the University will examine each case on its merits, the letter says.

U of T has a policy placing an embargo on participation in international programs which support repressive regimes. However, the policy distinguishes between programs perceived to be assisting the government — which are forbidden — and those assisting the people,

which would continue.

Professor Victor Falkenheim, chair of the Department of East Asian Studies, and other China watchers met Clark last Thursday to discuss possible actions.

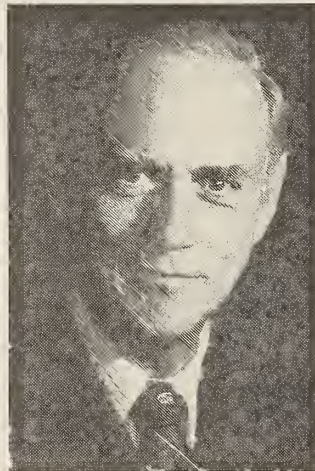
The University community is divided on the action U of T should take towards China. At the International Student Centre, some members of the audience suggested the University should stop all academic exchanges.

"Don't fear you'll hurt the Chinese people; they've already been hurt by the Chinese government," said one member of the audience. "They'll understand you're helping them in the long run."

Others suggested cutting off official ties with the government but maintaining links with academics.

Sunling Gong, vice-president of the Chinese Visiting Scholars & Students Friendship Association, gave Connell a letter urging him to write to Chinese universities expressing U of T's support for the students and its condemnation of the massacre.

Administrators and faculty were advised not to write to specific people at



President Connell

Chinese universities but rather to address letters of support to the president's office.

"If you address your letters to individuals, they'll get into trouble," said Aimin Li, a graduate student in the Department of Botany.

Li, who is a representative of the Ontario Chinese Student Rescue Committee, said his group is collecting funds from a number of universities to help those families whose children were killed or arrested. So far, \$4,000 has

been collected. Donations can be sent to The Chinese Student Support Fund, 172 Huron St., Toronto, Ont. M5T 2B4.

His committee is also urging the federal government to extend student visas and give former students political refugee status.

(Students quoted by name gave their permission to the *Bulletin* to do so.)

Summer Bulletins

THE SUMMER issues of the *Bulletin* will be published July 24 and Aug. 21. The deadline for receipt of events and booking of display ads for the next issue is July 10. Editorial material and classified ads should be in the *Bulletin* offices at 45 Willcocks St. by July 14.

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'Today is theirs, tomorrow is ours': supporter of democracy in China

by Jane Stirling

CHINA'S PRESENT situation may not look hopeful but the government hardliners can't contain the democracy movement indefinitely, speakers told a University audience at the Medical Sciences Building auditorium June 13.

"We know today is theirs, but tomorrow is ours," said one member of the audience attending the China seminar sponsored by the Joint Centre for Asia Pacific Studies.

Panelist Benny Yang, a Chinese student studying at the Ontario Institute for Studies in Education, said he is pessimistic in the short term but optimistic in the long run about his country's future.

"The government has put itself on a volcano that could erupt at any moment. The future belongs to the Chinese youth who believe in a democratic society," Yang said.

However, a move towards democracy may have to "come from above" in the form of an individual like Soviet leader Mikhail Gorbachev, said Professor Victor Falkenheim of the University's Department of East Asian Studies.

Professor Diana Lary, the joint centre's director, who has recently returned from China, said the government's propaganda campaign won't be successful in stopping the political ferment. "Once people acquire a political consciousness, it can't be destroyed; it can only be suppressed or transformed," Lary said. "In this case, it's been transformed to cold rage. The government has lost its credibility and the people will find ways to resist it."

Urban Chinese are skeptical of any information they hear on the TV or radio, said a member of the audience who was in Beijing following the massacre. "They're not so foolish as to believe the official line."

In the long run, it will be "business as usual" for foreign firms dealing with China, said Professor Bernie Frolic, a China specialist in York University's Department of Political Science.

"The business community forgets easily," he said. "It's the bottom line that's important to them."

A Canadian businesswoman who

recently returned from Beijing said companies shouldn't pull out of China because the people need to know they have foreign support.

However, Lary said if western firms continue to do business in China, it will appear they support the regime.

"By leaving, I felt I could tell the world what really happened," she said.

One member of the audience suggested the western media had "blood on

its hands" by photographing the demonstrators and possibly exaggerating the extent of the massacre.

James Rusk, associate editor of *The Globe and Mail's* Report on Business, said the press has helped, not hindered, the students' struggle for democracy in China.

"In the last 150 years, thousands and millions of people have died anonymously at the hands of the Chinese lead-

ers," Rusk said. "The only reason we're here talking about this tonight is because of the press coverage we've had."

Panelists and members of the audience encouraged the Chinese community in Toronto to keep its lines of communication open with the students overseas. A representative from Amnesty International suggested sharing information about detainees and "putting names on the faces of those who were killed."



PETER LEGRIS

Moving on

Crane operators and movers help load equipment from the Faculty of Forestry for the move to the Earth Sciences Centre. The Departments of Geology and Botany are also being transplanted to the ESC.

Bulletin named best university newspaper

THE BULLETIN has been awarded best newspaper honours for an internal and external audience for the fourth year in a row.

The Canadian Council for the Advancement of Education (CCAEE) handed out the award for the 1988 publishing year to the editor, Peter O'Brien, at its annual conference in Guelph two weeks ago.

The *University of Toronto Magazine* picked up three awards, two of which went to staff writer George Cook. An article entitled "Tempers Intrude on Industrious Peace" in the Spring 1988 edition won in the category for best achievement in issues writing and "The Play's the Thing" in the Winter 1988 issue tied for best achievement in feature writing - general (English). Robina Salter's article "Helping People Live Better Longer" in the Spring 1988 issue won in the best achievement in feature writing - research (English) category.

The CCAEE awards are presented annually in recognition of high achievement in communications by information, public affairs and media relations offices, and development and alumni departments of Canadian universities and colleges.

Mak, Worton win Gairdner awards

EIGHT SCIENTISTS, including two U of T professors, will receive 1989 Gairdner Foundation International Awards for outstanding contributions in medicine.

Dr. Tak Mak of the Departments of Medical Biophysics and Immunology and the Ontario Cancer Institute, and Dr. Ronald Worton of the Department of Medical Genetics and The Hospital for Sick Children will join other award winners from Canada, Belgium, West Germany and the United States.

The winners are: Mak and Dr. Mark Davis of Stanford University School of Medicine, California, for the cloning and sequencing of the gene for the T-cell receptor; Worton and Dr. Louis Kunkel

of Children's Hospital, Boston, Massachusetts, for the isolation and cloning of the gene for Duchenne-Becker muscular dystrophy; Dr. Jean-Marie Ghuysen of the Université de Liège, Belgium, for research into the mechanism of action of the beta-lactam group of antibiotics; and Dr. Erwin Neher of the Max-Planck-Institut für biophysikalische Chemie of Göttingen, West Germany, and Dr. Bert Sakmann of the Max-Planck-Institut für medizinische Forschung of Heidelberg, West Germany, for the development of the patch clamp technique.

Dr. Lloyd MacLean of McGill University, Montreal, will receive the Gairdner Foundation Wightman Award for out-

standing leadership in medicine and medical science. As a teacher, he created an outstanding program of undergraduate and postgraduate surgical education at McGill.

The awards will be presented in Toronto on Oct. 20 by University Professor John Polanyi of the Department of Chemistry. Winners will give lectures at U of T on Oct. 19 and 20.

The winners were selected by the foundation's medical advisory board chaired by Dr. Charles Hollenberg, vice-provost (health sciences) and foundation president. Since its establishment in 1957 by the late James A. Gairdner, the foundation has honoured 205 scientists.

Termite terror

Continued from Page 1

MARC ROCHETTE, REAL ESTATE NEWS



Kenneth Grace

A U of T program, partially funded by 11 municipalities in Ontario affected by termites, was started two and a half years ago to help combat the problem. The five-year, \$1.5 million program was an initiative of the City of Toronto, which has contributed \$200,000 so far. The federal and Ontario governments and real estate organizations also support the research.

Professor Kenneth Grace, director of the Urban Entomology Research Project at the Faculty of Forestry, has not found a magic way to rid the city of termites. But his studies of the insects have taught him that they can dig tunnels beneath alleys and parking lots.

He has also developed a way to count termites. He has found individual colonies with up to 3 million inhabitants in foraging areas of more than one square kilometre. Both figures are much larger than he expected.

The discovery of the larger colonies could mean that changes are needed to city by-laws, currently requiring the immediate treatment of properties found within two metres of infested buildings.

Develop bait

The abundance of termites is bad news, but in a way the size of the colonies is good news. Grace is trying to develop a bait which would spread from one insect to another as they pass food back and forth. "The idea of a bait becomes much more realistic if you are dealing with a large connected population than if you are dealing with separate foraging groups."

The bait method was first used in the 1960s when it was discovered that termites preferred to feed on certain wood decay fungi. However, Mirex, the pesticide that was used on the rotten wood, proved to be a major contaminant and is no longer manufactured in North America. There was also no way of knowing how effective the bait was. "The success was measured by whether [the operators] could still see any termites around," Grace said. "I am hoping that the methodology I have developed for monitoring the population will also be

useful in discovering whether a particular method is working."

At the moment, termites are fought by pumping up to 250 gallons of chemicals into the soil around a house. The treatment does not seem to pose a danger to people, but it has been connected to tumours in laboratory mice. Grace called the practice "overkill," and the city health department is concerned about the effects of treating extensive areas around human habitation in this way.

The technique kills termites but it does not prevent the colonies from growing in other directions. Digging is another problem. When the soil is turned, the "chemical barrier" is broken and the tenacious termites may find a non-toxic route to the dwelling.

Termites are not indigenous to Canada and we seldom describe them as anything other than pests. But in their original habitat the "earthworms of the tropics" have their redeeming qualities, notably in the role of breaking down the cellulose of dead wood and releasing the nutrients.

Grace is not aware of any termite problems on campus, although there are problems only three blocks away. The only termites at U of T, as far as he knows, are those in his laboratory. That is where they'll stay with no chance to escape.

Although termites are serious business they sometimes inspire jokes. The best around is probably this one, offered by Grace:

"What do you get when you cross a termite with a praying mantis?"

"An insect that says grace before it eats your house."

But if your home is the designated dinner the joke is not very funny. Boring, perhaps, but not amusing.



The following are books by U of T staff.

June

Frontier and Metropolis in Canada: Regions, Cities, and Identities in Canada before 1914, by J.M.S. Careless (University of Toronto Press; 138 pages; \$22.50). The essays in this book discuss how national and regional identity in Canada show vital links with the metropolitan-hinterland relationship across time and space.

Catching up

Historical Criticism and the Meaning of Texts, by J.R. de J. Jackson (Routledge, London and New York; 173 pages, £30). A study of the semantic consequences of the historical approach to literature and an exploration of the concerns shared by historical criticism and contemporary literary theory.



Editor's Notebook

If you've got an unwieldy name, it pays to have a snappy acronym. For *The Working Group to Review Requirements for Admission in Regard to Credentials from Institutions Operating in Ontario under Ministerial Consent* — which recently reported to the Committee on Academic Policy & Programs (CAPP) of the Academic Board (AB) — may we suggest WO-GRO-REREC-ARCIO-MINCO?

At first glance it looked as though a big piece of news was buried in our article on the capital renewal fund debate (June 12, page 2). The story quoted **Dean Robin Armstrong** of the Faculty of Arts & Science saying that "one percent of the budget amounts to about \$5.5 million, enough to pay the salaries of more than a dozen professors." That's the equivalent of an annual salary of \$450,000 each. Surely enough to pay the rent and buy new tires for the Rolls Royce. Unfortunately it was a mistake. Our mistake. Armstrong said that one percent of the arts and science budget (approximately \$800,000) represents the salaries of 12 to 14 mid-range academic positions.

Now on sale at the **U of T Bookstore**: cassette tapes in "subliminal persuasion and self-hypnosis" from Potentials Unlimited, Inc. Among the topics available: talents and abilities from past life, past-life regression with mate or lover, creative writing, creative thinking, good study habits, astral projection, parallel lives, migraine relief and *better table tennis*. "PROVEN EFFECTIVE: Based on the results of the study of Potentials Unlimited tape buyers by Dr. Carol Vanden Boogert.... Repeated playing of this tape at your bedtime will saturate your mind with suggestions designed to bring about the desired change." But be warned: "Do not play the self-hypnosis side of this tape while driving an automobile."

Case in point? At about 11.20 a.m. Friday, June 23, a would-be thief backed the president's car, parked on the north side of Simcoe Hall, into the side of a car belonging to Professor Frank Manchester of physics, parked adjacent to Reserve Spot Number One. The collision resulted in approximately \$1,800 damage. After hitting Manchester's car, the culprit — a white male, about five feet, six inches tall, with dark, shoulder-length hair, wearing a black leather jacket and blue baseball cap — panicked and ran across the front campus towards Queen's Park. A passer-by witnessed the incident and reported it to U of T police. Metro police also responded. Despite an immediate search, the suspect escaped. The keys had apparently been left in the president's car, a grey, 1986 Mercury Sable, owned by the University.

Of students grading "teachers"... **Lyn McLeod**, minister of colleges and universities, would have a tough time getting through first-year university, according to the Ontario Federation of Students (OFS), not known for affectionate support of the government. In its annual report card the OFS rated the minister in subjects such as English, economics, geography and sociology.

Her highest is an A- in English. OFS says McLeod has shown "extremely well-developed language skills and a marked ability to articulate problems and concerns she seems unable to solve."

Her lowest mark is an F in economics where, says the federation, she shows a "profound lack of economic

understanding in continually underfunding Ontario's colleges and universities."

There's no telling what sort of interesting information will get dropped off at intellectual centres. At the **Robarts information desk**, someone recently left a notice, to be posted, seeking "an intelligent Southeast Asian woman who is almost painfully beautiful and simply too exotic to succeed as a model in America's fashion industry."

The part-time job would involve "recurrent contact with celebrity clients ranging from Arab sheiks and European royalty to beautiful Asian screen stars." Any takers must have "a depth of grace, a sure sense of style and an imposing visual charisma."

The notice didn't make it to the library's bulletin board but it doubtless would have garnered more comment than a "House for Rent" ad.

Hollywood north-east? U of T can be a theatrical place sometimes ... there's also a lot of filming going on. In its July issue *Toronto Life* informs its readers that the best place to star gaze (after the planetarium) is the downtown campus. It says there was filming on campus 122 days last year.

There's something almost, well, intimidating about saying the words "speech pathology" out loud. Maybe it's the difficulty people have in wrapping their tongues around the consonants; maybe it's psychological — they're trying so hard *not* to mispronounce the word that it comes out garbled. In any case, both **Joan Randall**, Governing Council chair, and **John Gardner**, executive committee vice-chair, had trouble wrestling the words to the ground at the June 22 Council meeting, to the amusement of themselves and the rest of the room. The outcome of the word tussle? Speech pathology 2, Governing Council 0.

Graffiti seen on a concrete wall of the rapidly rising Koffler Institute of Pharmacy Management: "POWER UNDERGROUND." Is this the beginning of a new political movement or merely a memo from one electrician to another?

The Chronicle of Higher Education recently published a list of **student loan default rates** at more than 2,600 American institutions. Tarkio College in Missouri gets first prize (or perhaps last prize depending on how you see it): it has a default rate of 78.7 percent. A few dozen institutions have default rates of 0 percent — most seem to be either religious or medical schools.

Many people think penalties in Canada for drunk driving are not severe enough. Some countries are far tougher than us. *Time Out*, the Sunnybrook Medical Centre newsletter, recently reprinted the following from *Accident Analysis and Prevention*:

Australia: Offenders get to see their names printed in the local newspapers. **Malaya:** Drivers are jailed — which is particularly unfortunate for their spouses because they're jailed too. **Turkey:** Offenders are driven 20 miles out of town and literally forced to take a hike back. **Finland:** One-year term at hard labour. **Soviet Union:** Licence is revoked — for life. **Poland:** Offenders are fined, jailed and given political lectures. **Bulgaria:** Execution upon second conviction. **El Salvador:** First offenders are executed.

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Damha wins Polanyi prize

MASADJ. DAMHA, a post-doctoral student in the Department of Chemistry, is one of four recipients of the 1989 John Charles Polanyi Prize.

The winners were announced June 22 by Lyn McLeod, minister of colleges and universities. The prizes were awarded in the disciplines of physiology or medicine, physics, chemistry and literature. Students planning to continue post-doctoral studies in an Ontario university can apply for the annual \$15,000 prizes.

Damha is a native of Nicaragua and received his PhD from McGill University. He has established an active research program and his work is helping to develop a greater understanding of RNA splicing and catalysis.

The other winners are Monica Caverion of the University of Western Ontario (physiology or medicine), Thomas Steele University of Waterloo (physics), and Lisa Zeitz, University of Western Ontario (literature). The prizes were established by the government of Ontario in 1986 in honour of University Professor John Polanyi's Nobel Prize in chemistry.

Pederson new COU chair

PRESIDENT George Pedersen of the University of Western Ontario will be next year's chair of the Council of Ontario Universities. President Brian Segal of the University of Guelph will be vice-chair.

The council represents Ontario's publicly funded universities and the Ontario College of Art.

Code of conduct in the works

THE HUMAN RESOURCES Department is working on a code of conduct for all members of the University community. The action results from a letter written by the University's auditors last fall suggesting that such a code be implemented at U of T as has been done at other large organizations.

Alec Pathy, vice-president (human

Memorandum between TST and U of T approved

A FIVE-YEAR Memorandum of Agreement between the University and the Toronto School of Theology (TST) was approved by Governing Council June 22.

The agreement, which deals with provisions for academic freedom and processes for the dismissal of tenured faculty, involves seven TST colleges — Emmanuel, St. Michael's, Knox, Trinity, Regis, Wycliffe and St. Augustine's. It says TST and member institutions must afford their teaching staffs the same guarantees that protect faculty at U of T.

Last year, St. Augustine's withdrew from the memorandum when Cardinal Emmett Carter declined to sign a letter committing the seminary to University policy concerning academic freedom.

President George Connell said the agreement strengthens the quality of TST programs and the association between the colleges.

Professor James Burke of the Department of Spanish & Portuguese said he would have preferred a two-year agreement, rather than one lasting five years. The shorter time period would have given the University an earlier chance for renegotiation if TST fails to adhere to U of T standards on faculty appointments, admissions, grading and academic programs.

resources) told the Business Board at its meeting June 15 that work on the code began last November. Codes from other businesses are being used in the design of the U of T guidelines.

Meanwhile, a director of the internal audit department has been appointed. Three internal audit programs will be developed over the next five to seven years: audits of the University's financial systems, of administrative and operational systems and of effectiveness and efficiency in performance.

Richard Criddle, vice-president (administration), told the Audit Committee May 8 that the internal audit department would not attempt to assess the quality of the work of the academic divisions. However, it would try to ensure that informed peer reviews had been completed and that the recommendations in the reviews had been implemented.

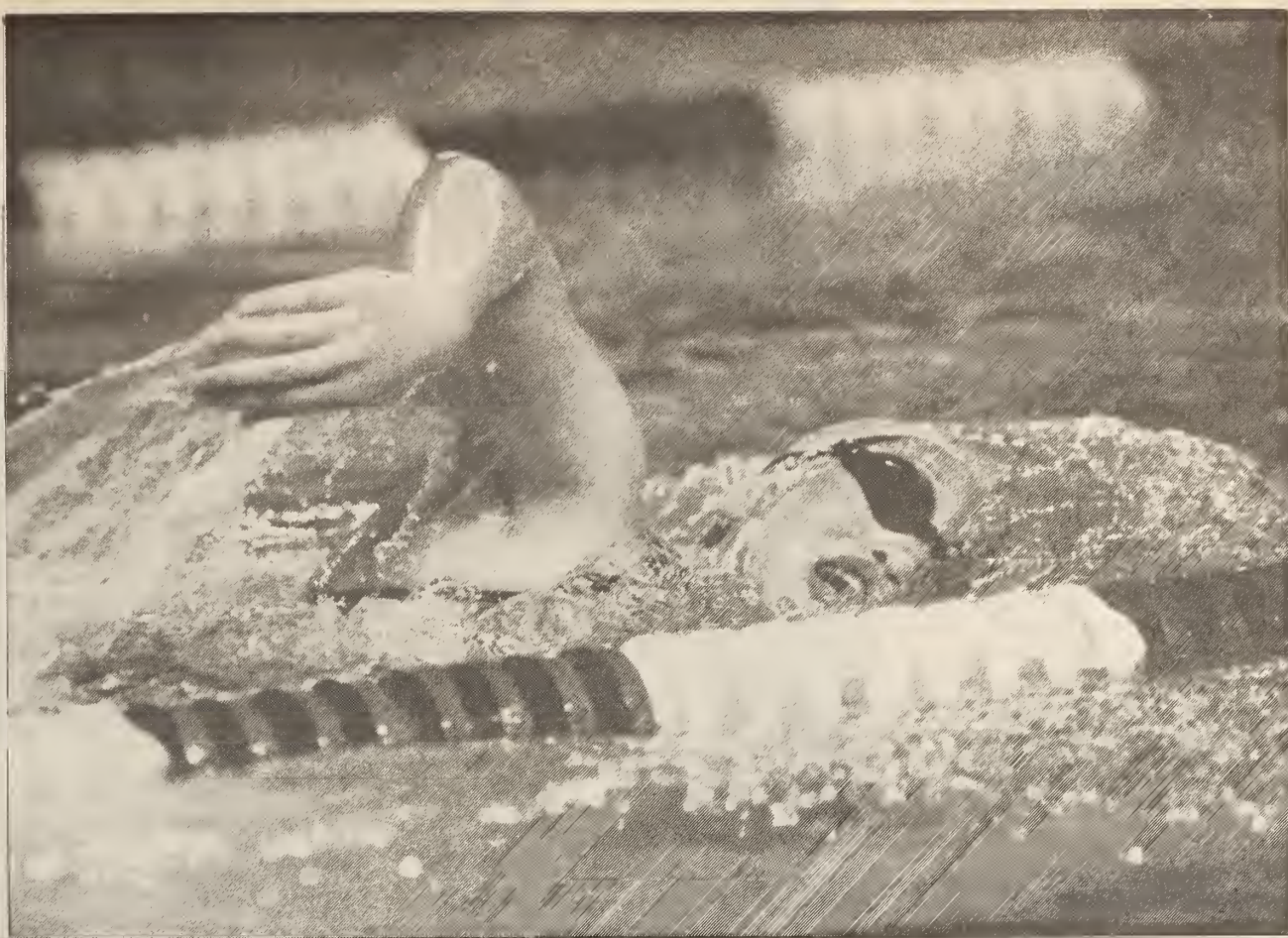
Capital renewal debate delayed

DEBATE ON the establishment of a capital renewal fund has been delayed until the July 31 meeting of the Business Board.

The Business Board recommended May 29 that at least one percent of the operating budget be set aside every year to establish a capital renewal fund. The Academic Board agreed June 8 that money should be reserved for the fund but a majority of board members said the amount should be decided upon one year at a time.

The Executive Committee of Governing Council considered the two proposals June 13 and referred the matter back to the Business Board. Board chair Gerald Townsend suggested at the board's meeting June 15 that the matter be resolved by a group of members from the two boards before July 31.

The fund is meant to finance projects that cost more than \$500,000 while the University waits for ministry financing and bank borrowing approvals.



LEWKO HRYHORJUK

In the swim

Four Chinese olympic-class women swimmers return to China today after an eight-week training session at U of T with head swim coach Byron MacDonald. The recent political developments in China do not pose a threat to the swimmers, said MacDonald. However, they are worried that there might be restrictions on travel and "they just want to compete."

The visit to Toronto is part of a cultural exchange between Ontario and Jiangsu Province in China. Other scheduled events include a diving and a badminton clinic conducted by Varsity coaches in China this August. The athletics department is waiting for the government of Ontario to decide whether the clinics will go ahead.

Committee continues work on University's image

MEMBERS of a marketing committee formed two months ago find that the University's image to the outside world is a real concern and that the selection of the next U of T president is crucial, says Gordon Cressy, vice-president (development and university relations).

The committee consists of business and communications experts, among them Peter Herndorf, publisher of *Toronto Life*; broadcaster Adrienne Clarkson; and John Switzer, member

of the Business Board and president of the United Urban Corporation. Cressy told Business Board at its June 15 meeting that the committee had held its second meeting earlier in the day and that he was pleased with its progress.

Cressy also plans to set up committees on development and alumni affairs. "Last year was a year of planning, next year will be one of implementation," he told the board.

Honorary degrees from other universities

THIS YEAR, five faculty members and the chair of Breakthrough, the University's \$100 million fundraising campaign, are among those who have received honorary degrees from other universities. They are:

- Professor Geraldine Kenney-Wallace of the Departments of Physics and Chemistry and chair of the Science Council of Canada: Lakehead University, Thunder Bay, and Trent University, Peterborough.
- Professor Ann Saddlemyer of the Department of English and master of Massey College: McGill University. Saddlemyer is a specialist in Anglo-Irish literature and Canadian theatre history.
- Professor Adel Sedra, chair of the Department of Electrical Engineering: Ryerson Polytechnical Institute. Sedra is an a leading researcher in microelectronics.
- Mary Alice Stuart, Breakthrough chair: Ryerson. Stuart has been chair and chief executive officer of radio station CJRT since 1975.
- Dean Richard Ten Cate of the Faculty of Dentistry: McGill. Soon to become vice-provost (health sciences), Ten Cate is a noted researcher in the field of anatomy and development of oral tissue.
- Professor Tak Mak of the Departments of Medical Biophysics and Immunology and the Ontario Cancer Institute: Carle-

ton University. Mak has identified and cloned the human T-lymphocyte receptor, a key to understanding the immune system. He has also isolated a gene associated with the virus that causes AIDS.

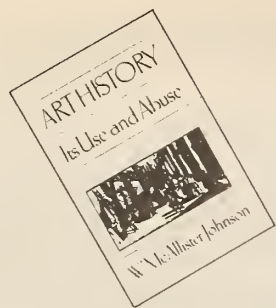
Hummel hearing postponed

THE DATE for the University's first sexual harassment appeals case has been postponed at the request of the respondent's new lawyer, Morris Manning.

Manning, who has been retained by Professor Richard Hummel of the Department of Chemical Engineering & Applied Chemistry, asked the Sexual Harassment Appeals Panel to reschedule its July 24 date. He needs more time to prepare his case, said Dominique Petersen, secretary to the panel.

The new date will probably be in late August or early September.

Hummel was banned from Hart House for five years after the Sexual Harassment Hearing Board ruled that he had engaged in "prolonged and intensive staring" at a female swimmer. He launched an appeal April 7.



Pressing on — Harald Bohne retires



by George Cook

AS A PUBLISHER, retailer, librarian, bibliographer, teacher and standard bearer for the industry, Harald Bohne — who retires this summer after 35 years with the University of Toronto Press, 12 as director — has played many variations over the years, but the theme has always been books.

Bohne has built and maintained UTP's skilled, experienced staff. "When you look at the turn-over in the industry generally," he says, "that speaks for itself." He calls himself "a relatively laid-back manager." Interesting work is motivation enough. "I don't believe in cracking the whip. If people enjoy what they do, they work hard."

The proof is productivity: UTP issues more new titles every year than any other Canadian publisher — a remarkable record given the time and care scholarly books require. More important, the "quality of the imprint" — of the books themselves — has been maintained. UTP's international reputation remains high and with it, the University's. For many people around the world, the U of T Press imprint is the face of the University of Toronto.

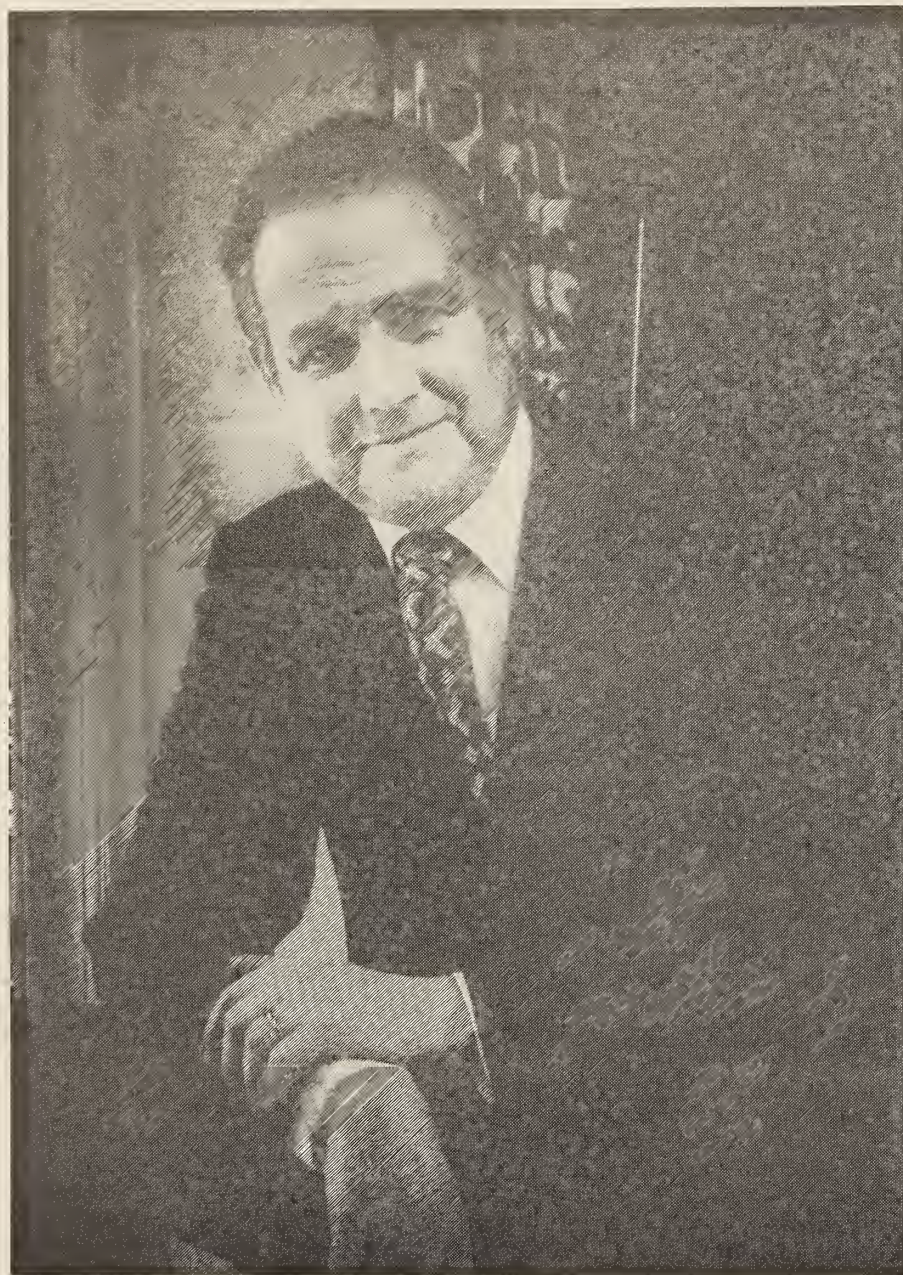


Born in Darmstadt, Germany, in 1929, the son of an orchestra conductor, Bohne grew up in Heidelberg. At school, he did well in English and contemplated a career as a journalist. "I can write well," he says, "but I find it very demanding." Publishing or library work were the alternatives. To start, he chose the latter, taking a job at the library of American army headquarters in Heidelberg. There, he indulged an appetite for books. Almost all his reading was literature in English.

But the library soon became too comfortable a berth. Bohne began to survey the opportunities available in North America. At the same time, he got to know Jean Shaver, his supervisor at the library. Her decision to return home to the US was another reason to emigrate. In an effort to choose well, he studied Canada and the USA. It was the McCarthy era in the US; an atmosphere of suspicion and paranoia prevailed. "There was no doubt," Bohne recalls, "Canada was the better place to go." He collected names of Canadian publishers from a directory, wrote 32 letters and received 28 replies. "I was staggered. Nobody offered me a job, but when I came here I had names to call."

Bohne arrived in Toronto on the long weekend in August 1954 and took a room at the Y. On Sunday, he went in search of a meal — down Yonge St. to Front and back up Bay. Only one dismal cafeteria and a hamburger joint were open for business. A Saturday newspaper informed him that the movie theatres were shut. As a boy in Heidelberg, he had gone regularly to the opera and theatre. Now he thought: "What kind of cultural backwater is this?" Mercifully, the Lord's Day ended and he found a room near the consoling greenery of High Park. Later, he discovered another enclave: the University, particularly Hart House and the Great Hall.

Letters in hand, Bohne made his calls. He quickly found work with Copp Clark, the textbook publisher, in the warehouse. Soon, however, he received what would prove to be an important call — from U of T Press — about a job as an assistant in the bookstore. He promised to stay at least a year. By now, Jean had



Harald Bohne

For many the U of T Press imprint is the face of the University

arrived. She too found work at the University — as a librarian at Wycliffe College. Later, she joined the Faculty of Forestry, where she remained until her retirement several years ago. Harald was soon appointed manager of the bookstore. "And so I stayed and moved up the ranks." He went on to become business manager of the Press, then assistant director, associate director and, in 1977, director.



The late 1960s, a period of national pride and publishing enthusiasm, were among Bohne's most exciting years. "People suddenly began to wake up," he recalls. "They started small companies and published things they really believed in." The founders of House of Anansi and Coach House Press, among others, were editors and writers, rather than sales reps and marketing managers, as is often the case. "And they did some marvellous work — providing an outlet for unknown writers."

The book business grew. Bohne responded variously, but his most noteworthy contribution was the creation, in 1967, of *Canadian Books in Print*, the country's first annual directory of its kind. He edited it for three years before passing it on to a professional librarian. He also created a correspondence course,

with a practical manual, for book sellers. "In Canada, that had never been done before, whereas in Germany you must apprentice for two years before you can call yourself a bookseller."

Twice president of the Association of

Canadian Publishers, Bohne has helped pilot the book business in general, but his influence on the scholarly publishing has been more profound than recognized, at least among academics. His impact is best illustrated by the part he played in saving McGill-Queen's University Press.

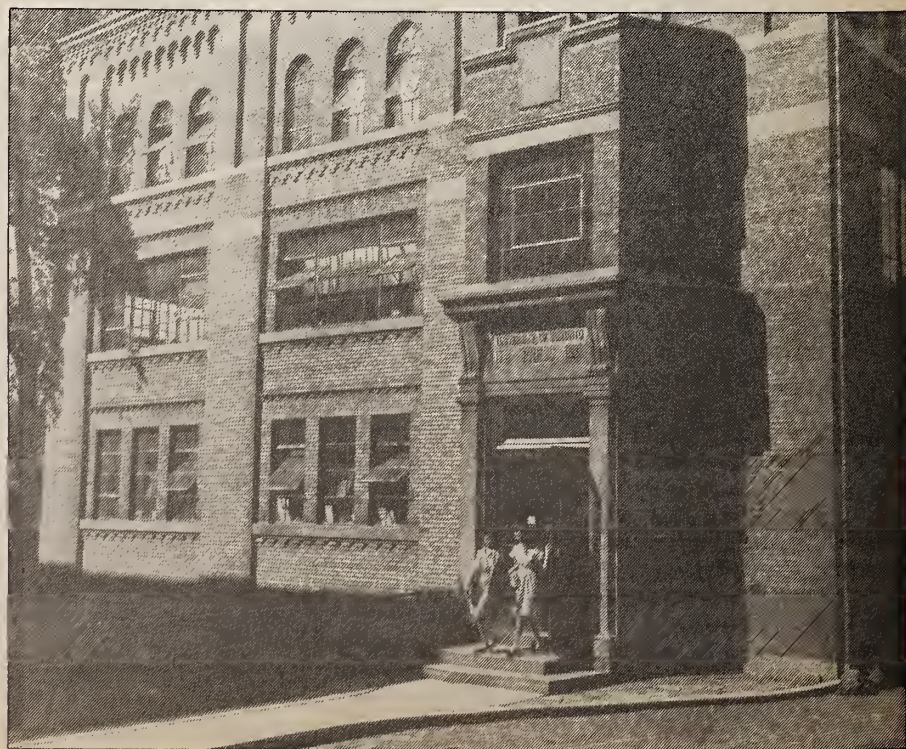
In 1969, the press at Queen's University joined McGill and its press to form a single publisher. By 1980, however, the sponsoring institutions had decided to cut spending. The joint publishing venture, like many publishing ventures, was deemed non-essential, expendable. McGill-Queen's was in danger of disappearing. But the loss of just one university press would diminish scholarly publishing — and scholarship itself — in Canada. "There are few enough university presses in this country," Bohne says. So he made an offer. U of T Press would take over production, printing and distribution of M-Q books *at cost*. Because UTP already did so much of the same work, it could save money for its endangered fellow publisher. "We hoped McGill-Queen's would turn around and the universities would show enough interest to take it over again. And that's what happened." As its backlist grew, M-Q consolidated its activities and hired a full-time director and more staff — some from Toronto. "This is an interesting business," Bohne says. "You compete for the top scholars in the field, but not the way major trade houses compete with one another. We're not secretive about the way we do things. It's very open."



While he is proud of all his contributions to Canadian publishing, Bohne regards the work of the Press itself with the greatest satisfaction. The *Dictionary of Canadian Biography*, the works of Erasmus and John Stuart Mill and the other major editorial projects that underpin UTP's international reputation afford him the greatest pleasure. He cites the *Historical Atlas of Canada* in particular — "the most exciting publishing project any of us has ever been involved in — a marvellous piece of work."

His one regret is that the Press continues to subsidize scholarly books with money from other divisions. The time and creativity given to making money

Earlier homes of the Press: below, from 1920 to 1959...





from commercial printing and book order fulfilment detract from the real work of disseminating new knowledge. "In a way, financial independence is a good thing," Bohne says. "I'm not really arguing for a subsidy from the University." Instead, he hopes an endowment fund — established by Governing Council in the mid-1980s — will someday provide enough interest income to cover revenue shortfalls. When that day comes, UTP will finally be free to publish scholarly books, unencumbered by the need to make money on commercial activities in the marketplace.

Bohne says he will miss the rapport with his staff and the thrill of cracking the spine on a new book. He will not miss the administrative grind or the frustrations of running a business in an institutional environment. In retirement he plans to travel with Jean, do some consulting and bibliographic work and enjoy his music. (He has been a jazz fan since his youth.) He even contemplates a return to book selling, part-time, just to keep his hand in. There are, he assures us, variations yet to play.

Search for new director continues

THE SEARCH for a new director for the University of Toronto Press continues, says Alec Pathy, vice-president (human resources).

The six-person committee established in December to nominate a successor to Harald Bohne, who retires June 30, has not yet come forward with a recommendation, Pathy said. An interim director will be named while the committee completes its work.

The members of the advisory committee are Pathy, George Meadows, Elizabeth Pearce and Professor Jack Robson, members of the U of T Press Management Board, and Professors Martin Friedland of the Faculty of Law and Alexandra Johnston of the Department of English and the Records of Early English Drama.

Marsh Jeanneret recalls earlier days at the University of Toronto Press

by George Cook

WHERE THE paved road meets the gravel one, near King City, north of Toronto, there is a country mailbox with "Marsh Jeanneret" stencilled on the side. Half a mile on, at the crest of a wooded hill, a long, low white house with an enormous, multi-branched antenna appears among the trees. A second antenna, this one single-masted and sleek, rises beyond the house at the south end of the property.

A tall man with wavy, grey hair and a discrete mustache answers the door. He is wearing a jacket, properly buttoned, and a silk tie. Solicitous and distracted at the same time (as if struggling to turn his thoughts from more urgent matters) he escorts you to the sitting room. Albert Einstein, by Yousuf Karsh, hangs over the fireplace at one end. At the other, through open doors, a study equipped with a word processor and microfilm reader.

Jeanneret retired in 1977 after 24 years as director of the University of Toronto Press. Now 72, he has just published his memoirs, portentously entitled *God and Mammon: Universities as Publishers*, with Macmillan of Canada. University of Illinois Press will bring out the American edition soon.

Before settling on Macmillan, Jeanneret approached U of T Press. But in discussions with director Harald Bohne, distance was deemed to be desirable. "I did indeed show it to the Press at an earlier stage. We agreed that there was some merit in appearing to be at arm's length. We would have been in any case, but nobody would have believed it."

The Press also had "many compunctions about my line of attack," Jeanneret says. The book is, among other things, a critical examination of the relationship between the University and its publishing ancillary. "But I was not prepared to revise it as they would have expected and we didn't pursue it. It was a very friendly matter. I said I wanted to withdraw and Harald agreed. He wished me the best,



Marsh Jeanneret

we shook hands and that was that. Not the least bit of recrimination about it."

In its penultimate form, the manuscript was several hundred pages longer than the final version. Jeanneret removed large sections dealing with U of T's bookstore, book selling in general and his many activities since retirement. (He calls himself "a festering mass of unfulfilled hobbies.") He promises articles and perhaps another book based on the material he could not include in *God and Mammon*.

During Jeanneret's time as director, U of T Press used the traditional means to disseminate knowledge: books and journals. As they became available, word processors and computer typesetting machines were brought to bear. New means for old ends. Like many other scholarly publishers, the Press was not quick to try electronic publishing, although there were some modest, unsuccessful experiments in microfilm.

Jeanneret says he is to blame, to a degree, for the slow pace of change. Had he not pursued commercial activities so vigorously, he might have spent more time exploring new ways of disseminating knowledge to scholars around the world. But commercial ventures — those that made the money to pay for scholarly books — took too much energy and creativity. "I was proud of it, you know: every time something paid off we'd tell ourselves how smart we were. But I became convinced as I did my research for the book that we were misdirected."

"There's no question the commercial side was a tremendous distraction. Although we were immensely successful in terms of sales, we were moving in an illogical direction. Our terms of reference were wrong. Our motivation was wrong. We were living from day to day with an eye on one red book. And it had 'ledger' written on it. Our sales force, our administrative and accounting departments — everything was geared to maximize sales."

Financial reform is a necessary overture to technological innovation, but it will require a new attitude to publishing — and to the Press itself — among scholars and their departments, public and private granting agencies and the University's central administration, says Jeanneret. Budgeting for publication must become automatic when research grants

are sought and approved. "We budget millions for research, not a cent for publication. We worry about that when we come to it."

Since retiring, Jeanneret has pursued a variety of "hobbies," including amateur radio and computer communications via satellite. While others send their messages on error-inducing telephone wires, he broadcasts his on the airwaves. Clean transmission. The very latest. The technology of communication fascinates him and he takes pleasure in musing on its applications outside the home. The most important recent development, he says, is desktop publishing: on-screen page design for print output by quick, quiet laser printers — ready-to-print copy for books, periodicals, pamphlets, letters and almost anything else imaginable. DTP answers scholars' needs for a variety of print options; it will reduce the average size of press runs and decrease costs.

Desktop is, like the printing press itself, a democratic technology that gives individuals and groups the ability to publish their work without the approval of editorial boards. "Of course, it raises questions of peer assessment," Jeanneret says, "but I think it also opens new dimensions." Publishers face decisions on their imprints. They might use one for the most carefully scrutinized scholarly books, another for conference proceedings, a third for serious nonfiction and a fourth for print jobs from camera-ready copy.

The Press should be a computerized information centre as well as a book publisher, Jeanneret says. "It would be an oversimplification for me to say that the *Dictionary of Canadian Biography* should become a data base tomorrow, but I do believe the Press has a function in that area." He would like to see a review of the functions and interactions of the Press and the library, "the single most important resource a university possesses." They share responsibility for disseminating knowledge and ought to work together to find innovative means.

When the sit-down interview ends, Jeanneret takes you to his "picture wall" — dozens of photographs of the people he has encountered over the years: academics, editors, publishers, politicians. Karsh, a long-time friend, is there. In 1959, after great travail — well recounted in *God and Mammon* — the Press published *Portraits of Greatness* by the Ottawa-based photographer. Farther down the hall you come to the communications room, with its short-wave radio and computer. Message waiting — a friend in Muskoka asks about the purchase of firewood. Jeanneret says he'll answer later, after your tour of the technology.

Later, in the car, as you pass the country mailbox on the way back to Highway 400 and the city, a glance out the window reveals the radio antenna above the trees at the top of the hill. You imagine Jeanneret at his post, putting the very latest to work: "Three cord, hardwood. Saturday delivery. Price as agreed."

...and humbler beginnings, from 1902 to 1910.



Gulsoy helps preserve Catalonia's shaky identity

by Karina Dahlin

THE BASQUE country is not the only region of Spain with a separatist movement. Few people outside Spain know about Catalonia's push to preserve its identity. It is not a violent move but it is active.

In many ways the northeastern Spanish province resembles Quebec. In fact, the language debate in Quebec is closely followed there, says Professor Joseph Gulsoy of the Department of Spanish & Portuguese.

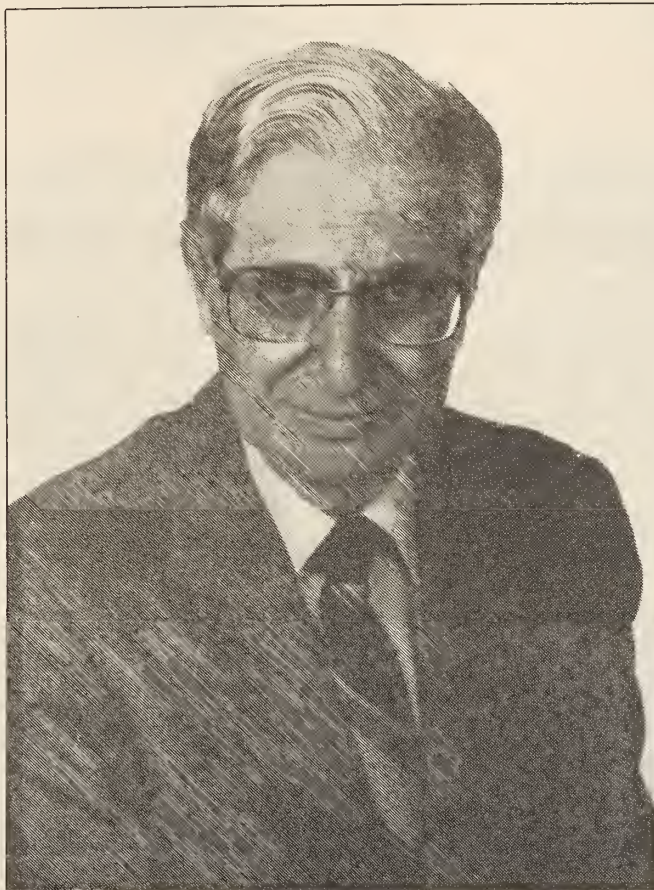
Some want their language to be the only official one while others say Spanish is good enough. Most people, including Gulsoy, think the two languages should co-exist in the same way that French and English do in Quebec.

Catalonia does not have official ambassadors, but in Gulsoy the former kingdom has a champion. He has studied and taught the subject at U of T since 1957 and is recognized by Catalans as a linguistic authority.

The language is spoken by seven million people in Catalonia, Valencia, the Balearic Islands and Roussillon. It is taught in the province's schools and is the official language in Andorra. On several occasions it has been banned. Its survival is not only a result of it being spoken. Scholars like Gulsoy have helped to maintain it by documenting its history.

Honours

In April Gulsoy visited Barcelona to receive two prestigious honours: the Catalònia prize of the Institut d'Estudis Catalans (Academy of the Catalan Language), and the fourth international



Joseph Gulsoy

Ramon Llull prize given by the Fundació Congrés de Cultura Catalan in Barcelona, presented respectively by the premier of the *generalitat* (provincial government) and the speaker of the parliament. The awards recognize Gulsoy's research and his service in promoting Catalan culture in North America.

A historian of Hispanic languages (Spanish, or Castilian to be correct, Catalan and Portuguese) Gulsoy teaches medieval and contemporary Catalan. From 1980 to 1982 he was president of the North American Catalan Society; in 1982 he organized the third colloquium

of Catalan Studies in North America at U of T.

The teaching of the language in schools and the use of it as an administrative language was prohibited by the Spanish government in the 18th century. It lost its use as a literary language until it was revived in the 1850s.

In 1906 the Academy of the Catalan Language was formed. Then, during the short-lived Spanish republic (1932-39), the language became the official one in Catalonia, but again it was banned, this time by the Franco regime which saw it as a Spanish dialect without importance.

Gulsoy recalls that when he visited Catalonia for the first time in 1957 people said "our language will never die." It didn't, although the linguistic situation was in a sad state, he says. Its survival can be attributed to a rich literary tradition dating back to the medieval period and continuing today with the publication of thousands of Catalan books.

Among them are such works as the nine-volume etymological and historical dictionary, an initiative of Professor John Coromines of the University of Chicago, scheduled for completion this year. Gulsoy was in charge of the N, O, Q and U sections and also contributed to B, C and E. Each volume has an average of 1,000 pages and leaves no stone unturned. For example, Gulsoy spent two months and wrote nine pages to document the word "quer" (rock).

Professor Geoffrey Stagg, chair of Spanish and Portuguese from 1956 to 1966 and from 1969 to 1977, was the one who gave impetus to Catalan studies at U of T.

Gulsoy was the first professor to teach the language and today "our university has become one of the most important centres of Catalan studies and has one of the richest library collections on the continent."

Other specialists at the University are Professor Jill Webster of Spanish and Portuguese and director of the Centre for Medieval Studies, and Professor Jocelyn Hillgarth of the Pontifical Institute of Mediaeval Studies. In addition, several theses on Catalan themes have been written by students at U of T.

Shriners parade will cause big traffic headaches

PEOPLE WHO drive to the University are advised to leave their cars at home Tuesday, July 4 and Thursday, July 6 when 25,000 Shriners from all over North America will be marching down University Ave.

Police expect the first parade to cause major traffic congestion in the downtown core between 8 a.m. and 9 p.m. They estimate that it will take between 10 and 14 hours for the procession to pass any given point.

The second parade will be less disruptive to traffic. It is scheduled to take place between 5 p.m. and 3 a.m. but will still cause major inconvenience to downtown traffic, say police.

Organizers expect that between 500,000 and one million spectators will want to watch the Shriners on parade. The two events are part of the North American Shriners convention July 2-7.

Royal Society of Canada honours

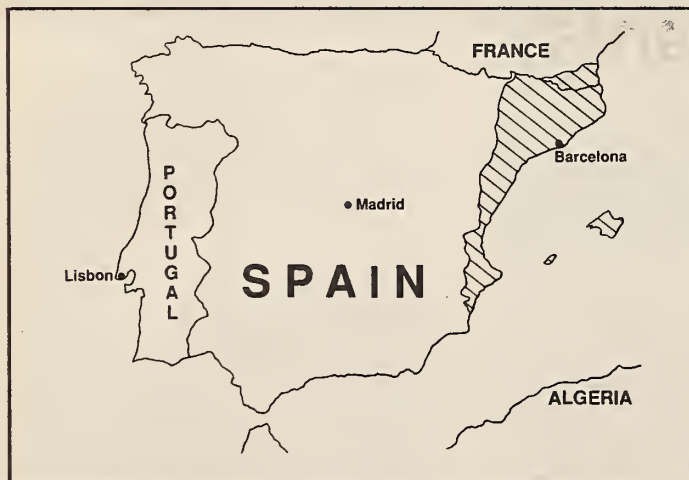
PROFESSORS Nathan Isgur, John Robson and Boris Stoiceff are among the 11 scientists and scholars to receive this year's awards from the Royal Society of Canada.

Isgur, of the Department of Physics, received the Rutherford Medal, named for Ernest Rutherford, the English physicist who worked for a time at McGill University. Isgur's studies have led to predictions of the mass and decay modes of the hybrid meson, a subatomic particle.

Robson, of the Department of English, has been awarded the Chauveau Medal — named for Pierre Chauveau, the first premier of Quebec — for contributions to the humanities. Robson is textual and general editor of the 30-volume *Collected Works of John Stuart Mill*. He was named University Professor in 1986.

Stoiceff, also of physics, won the Henry Marshall Tory Medal, named for the founder of the Universities of British Columbia and Alberta, Carleton University and the National Research Council Laboratories. The medal recognizes research in astronomy, chemistry, mathematics or physics. Stoiceff's work in "Raman spectroscopy" using lasers has led to a precise description of the benzene molecule. He too is a University Professor.

The awards were presented at the Royal Society's annual meeting June 6 at Université Laval in Ste. Foy, Quebec. The RCS, founded in 1882, promotes work in the arts and sciences "characteristic of the best in Canadian intellectual endeavours."



Map showing Catalan linguistic region

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Tanz centre renovation to start in September

RENOVATION of the Botany Building is scheduled to start in September to make way for the opening of the Tanz Centre for Research in Neurodegenerative Diseases next summer.

The \$3.4 million cost is covered by a donation from Mark M. Tanz and by the Breakthrough campaign. Equipment and operating expenses will be carried by the University and the Alzheimer Association of Ontario.

Original plans called for construction to start May 1 but the project was put on hold because of the delayed move of

the Department of Botany into the new Earth Sciences Centre. At its meeting June 15, the Business Board approved the plans for the first phase of the Tanz centre.

Approximately 140 scientists associated with U of T are conducting research in neuroscience, or studies of the nervous system.

Degenerative diseases of the nervous system include, among others, Alzheimer's disease, Parkinson's disease and Lou Gehrig's disease. Alzheimer's disease is now seen as the fourth leading cause of death in Canada.

University of Toronto



Financial Statements April 30, 1989



University of Toronto Financial Statements April 30, 1989

Report of the Vice-President - Administration

Major Financial Highlights for the Current Year

Combined income for the University increased \$52.0 million to \$703.3 million, an increase of 8.0% from the previous year. Combined expenditures for the University totalled \$646.5 million, an increase of 7.2% from the previous year. The source and distribution of the University's combined funds for the year ended April 30, 1989 (1988-89) is illustrated in Table III, page 8.

The Current Operating Fund result for 1988-89 is a surplus of \$1.8 million after transfers and provision for commitments. This resulted in a cumulative surplus of \$0.1 million. Current operating fund income for the year increased to \$450.6 million while expenditures increased to \$418.4 million. This difference is largely accounted for by the savings of \$23.7 million of current service pension costs which have been transferred to the Long Term Adjustment Fund within the Restricted Funds group. Table 1, page 6, shows the relative source and distribution of the Current Operating Fund income and expenditures for the past five years.

The Ancillary Operations for 1988-89 recorded a combined surplus of \$0.8 million, after transfers and provision for commitments. These results reflect a significant increase in net income for the year of the Frederick Harris Music Company Limited.

Capital Fund income decreased by \$6.5 million to \$22.1 million while expenditures increased by \$3.0 million to \$33.1 million. The largest component of capital fund income is the capital grant of \$19.0 million received from the Ministry of Colleges and Universities of which \$7.1 million was for the new Law Library project and \$1.9 million for the construction of the new Pratt Building. The balance of the grant was mainly to cover the cost of repairs and renovations for 1989 through 1990. During the year construction continued on the Earth Sciences Centre with completion due in 1989. Other major construction projects include the Erindale Residences, Phase V and the Koffler Institute of Pharmacy Management Building.

Restricted Funds income for the year increased by \$23.0 million to \$170.0 million. The major reasons for the increase are donations of \$9.4 million, contract research funding of \$4.3 million and an increase in government grants of \$3.4 million. Expenditures increased by \$16.4 million to \$136.5 million.

Other Financial Highlights

Enrolment and Funding: Actual enrolment in 1988-89 was 3.7% above 1987-88 enrolment, and taken on a cumulative basis, 7.0% above 1986-87 levels. Student demand for access to Ontario's universities is at record levels. To encourage universities to respond to the increase in demand for access, the Ministry of Colleges and Universities has provided funding for enrolment growth, or accessibility, amounting to \$38.2 million for Ontario universities in 1988-89 which will grow to \$88 million in 1989-90. The University of Toronto received \$6.8 million in 1988-89. The funding will be distributed on a "slip year" basis to institutions, based on each institution's year over year growth in Basic Income Units (BIU).

The mechanism by which this additional funding is distributed has been a temporary expedient. In recognition of the likelihood that at least some large fraction of current enrolment growth will be permanent, the Ministry has sought the advice of the Ontario Council on University Affairs (OCUA) with the objective of revising the operating grants formula. The OCUA has submitted its advice, but to date the Ministry has not yet responded.

Thus the budget for the fiscal year ending April 30, 1990 (1989-90) includes \$15.2 million in accessibility funding. It is this funding which enabled the University to produce a balanced budget without an expense reduction in 1988-89, and a budget with only modest reductions for 1989-90. Enrolment will increase again in 1989-90, due to the flow through of the large entering classes of 1987 and 1988. The future status and allocation of these funds is uncertain.

Capital Construction: During the past year there has been a considerable amount of construction activity at the University of Toronto. Highlights of this activity are set out below:

Construction of the Earth Sciences Centre at a cost in the order of \$55.5 million is nearing completion, with occupancy scheduled for later this year; the renovation and addition to the libraries of the Faculties of Law and Music are well underway at a combined cost of \$17.9 million; work has commenced on both the Pratt Building, a \$9.1 million addition to the Wallberg Building, and The Koffler Institute of Pharmacy Management, a new \$4.6 million facility.

Two projects within University College have been carried out in the past year, the renovation of the Junior common room for \$1.4 million, and renovation of the University College union at a cost of \$0.4 million. Design work has been finalized and construction will soon begin on the \$3.4 million first phase of the Tanz Neuroscience building, a renovation project being carried out within the former Botany building. The Ministry of Colleges and Universities has announced a \$4.7 million grant which, along with a \$2 million student levy and private donations, will finance a major renovation and expansion project for Woodsworth College.

At Scarborough College, the \$0.8 million Soil Erosion Laboratory has just been completed and plans are being developed for a day-care facility which is being funded by the University and a grant from the Ministry of Community and Social Services.

Current Operating Fund Budget for the fiscal year ending April 30, 1990

(1989-90): The Governing Council approved a balanced budget in 1989-90. Certain salary settlements were reached after the budget was approved and as a result salary and benefit costs will increase by \$4.2 million over the originally approved budget. These settlements may result in a deficit for the 1989-90 fiscal year. In addition, recent Federal and Provincial Government budget measures have resulted in an apparent further increase in 1989-90 costs of \$2.1 million.

Breakthrough Campaign: The University's Breakthrough Campaign for \$100 million marked its first anniversary. The Campaign is organized from the Office of the Vice-President, Development and University Relations; the National Chairman is Mary Alice Stuart, Chairman and Chief Executive Officer of CJRT-FM Inc. A Campaign Cabinet and volunteer team have been recruited and appropriate materials developed. At the first anniversary, the Campaign was right on target and was close to \$60 million in cash and pledges with an additional \$15 million targeted by the end of 1989.

Residences: The Province announced a grant of \$13 thousand per bed, payable over 25 years to assist with the financing of the construction of student residences. A total of 868 spaces will be supported with this grant at the University of Toronto. The first application of the grant will be used to support a \$5.5 million project representing the third phase of student residences built on the Scarborough campus, and accommodating 142 students.

A residence project on the St. George campus which is being planned currently and which will also make use of the provincial grant is a 200 bed facility under the aegis of Innis College, which will house both students of Innis College and other students of professional faculties.

At Erindale College, the construction of the fifth phase of student housing is underway. The project will cost \$6.4 million and will provide apartment style accommodation for married students in 86 two bedroom units, opening in January 1990.

Deferred Maintenance: In addition to specific support for major projects the Province provides an annual grant for repair and renovation work. The current grant totals \$3.8 million and is the primary source of funds available to the University to spend on its deferred maintenance problem, the cost of which, in current dollars, is estimated at over \$74 million. Essential maintenance will require the expenditure of at least \$32.1 million over the next six years.

Pension Cost Savings: In 1987-88 the Governing Council passed a resolution approving the establishment of a Long Term Adjustment Fund to be created from savings in normal current service pension contributions. For 1988-89 these savings amounted to \$26.8 million (1987-88 \$23.9 million). The savings arose due to the suspension of University contributions to the pension fund because of a pension fund surplus of over \$95.7 million. A similar amount is expected to be saved in 1989-90 and will similarly be transferred into the Long Term Adjustment Fund. This fund was established to enable the University to adjust to anticipated financial constraints and represents a significant opportunity for the University to realize some stability in its financial circumstances. As such, the fund is being used to support proposals aimed at increasing general University operational effectiveness and efficiency.

Other Comments and Issues

Cost Increases of Federal and Provincial Budgets: The recently announced Federal budget results in cost increases for the University, which will begin to be felt in the 1989-90 year. Increases in Unemployment Insurance premiums and increases in federal sales tax and the federal telecommunications services tax will add approximately \$1.4 million to the University's costs.

The recently announced Ontario budget includes significant cost increases for the University commencing in 1989-90. The most significant provision is the replacement of OHIP premiums with an Employer Health Levy. The cost of the levy will exceed the University's current contribution to OHIP premiums by approximately \$5.7 million.

University Governance: On July 1st, 1988 major changes were implemented in the way in which the Governing Council exercises its statutory responsibilities. The existing standing committee system was replaced by three Boards which report to Governing Council through the Executive Committee. The Academic Board is responsible among other things for policy on admissions, curriculum, standards and other academic matters and advises Governing Council on planning and on resource allocations. Academic division heads and elected faculty comprise about 70 percent of its 114 person membership, with the balance composed of students, administrative staff, alumni and other lay members. The University Affairs Board responsibilities include policy on campus and student services, student societies, security, rights and responsibilities of University members and Governing Council elections. The Business Board responsibilities include policy on fiscal matters, fees, property transactions, construction, ancillary operations, fund-raising, communications and alumni relations. It also holds delegated authority to act for Governing Council on personnel policy and on contractual relations with employee groups. Alumni and government appointee members of Governing Council constitute a majority of the Business Board.

In addition to establishing the three Boards and a number of committees reporting to them, Governing Council adopted new procedural rules which provide more scope for Board members to become involved in the formulation of policy.

Human Resources Comments and Issues

Administrative Staff: In April 1988 a vote was held to determine whether the Canadian Union of Public Employees (CUPE) can be certified as the bargaining agent for the University's administrative staff who are not excluded under the Labour Relations Act. The ballot boxes have been sealed pending the resolution of those positions which are in dispute as to whether they should be included or excluded from the potential bargaining unit.

Salary and Benefits Settlement: The University of Toronto has ratified a two year agreement with the University of Toronto Faculty Association, whereby faculty members and librarians will receive an across the board increase of 5.75% plus progress through the ranks merit scheme in 1989-90 and an across the board increase of 5% plus progress through the ranks merit scheme in 1990-91. If, however, the increase in the Consumer Price Index for Toronto for the period July 1st, 1989 to June 30th, 1990 exceeds 6.5% or is less than 4%, the appropriate party can re-open negotiations on the across the board increase for 1990-91.

The parties have also agreed that \$200 thousand shall be applied to adjust the salaries of women faculty where appropriate as determined by an agreed upon methodology and process.

Non-unionized administrative staff will receive an across the board increase of 5.6%, minimum \$1,290, plus merit increases for 1989-90.

Pay equity: The University is in the process of developing pay equity plans to comply with "An Act to Provide for Pay Equity" by January 1, 1990. Until we make our comparisons it is difficult to estimate the total cost for the University of complying with the legislation. The University must make pay adjustments of at least 1% of its total payroll effective January 1, 1990. Pay equity must be achieved by 1995. In the absence of additional funding from the government, these pay adjustments will result in an additional burden to the University.



Richard L. Criddle
Vice-President - Administration

Table I

**Source and Distribution of the University Current Operating Fund
For the Years Ended April 30, 1985 to 1989**

	1989	1988	1987	1986	1985
	%	%	%	%	%
INCOME					
Government grants	74.0	75.4	75.6	75.6	75.0
Student fees	17.9	17.4	17.5	17.5	17.8
Other income	8.1	7.2	6.9	6.9	7.2
	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>
EXPENDITURES					
By functional category					
Academic and academic services	76.2	75.8	76.8	75.8	75.6
Physical plant					
- maintenance and utilities	11.3	11.8	11.7	12.2	12.2
- renovations and directed government grants	0.2	0.3	0.3	0.2	0.2
Administration	6.9	6.8	6.5	7.0	6.9
Municipal taxes	0.6	0.6	0.4	0.5	0.5
Student services and assistance	4.0	4.0	3.6	3.7	3.9
Other expenditures	0.8	0.7	0.7	0.6	0.7
	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>
By object of expenditures					
Academic salaries and benefits (incl. Librarians)	46.7	46.9	47.4	47.9	48.1
Other salaries and benefits	30.0	29.8	30.4	30.4	30.5
Equipment	4.6	4.8	5.3	4.5	4.1
Utilities	3.6	3.7	3.6	4.0	4.1
Supplies and other expense	15.4	14.4	12.9	12.7	12.7
Maintenance of physical plant	1.9	2.3	2.3	2.3	2.3
Improvement and alterations	0.2	0.3	0.3	0.2	0.2
Municipal taxes	0.6	0.6	0.4	0.5	0.5
	<u>103.0</u>	<u>102.8</u>	<u>102.6</u>	<u>102.5</u>	<u>102.5</u>
Internal Cost Recoveries	(3.0)	(2.8)	(2.6)	(2.5)	(2.5)
	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>

Normal current service pension contributions totalling \$23.7 million, representing 5.4% of total expenditures, which were not required to be paid into the pension plan in 1989 (1988 - \$20.8 million, 5.0% of total expenditures) have been transferred to the Long Term Adjustment Fund.

Table II

Comparative Student Enrolments, Full-Time Equivalents and Funding Units

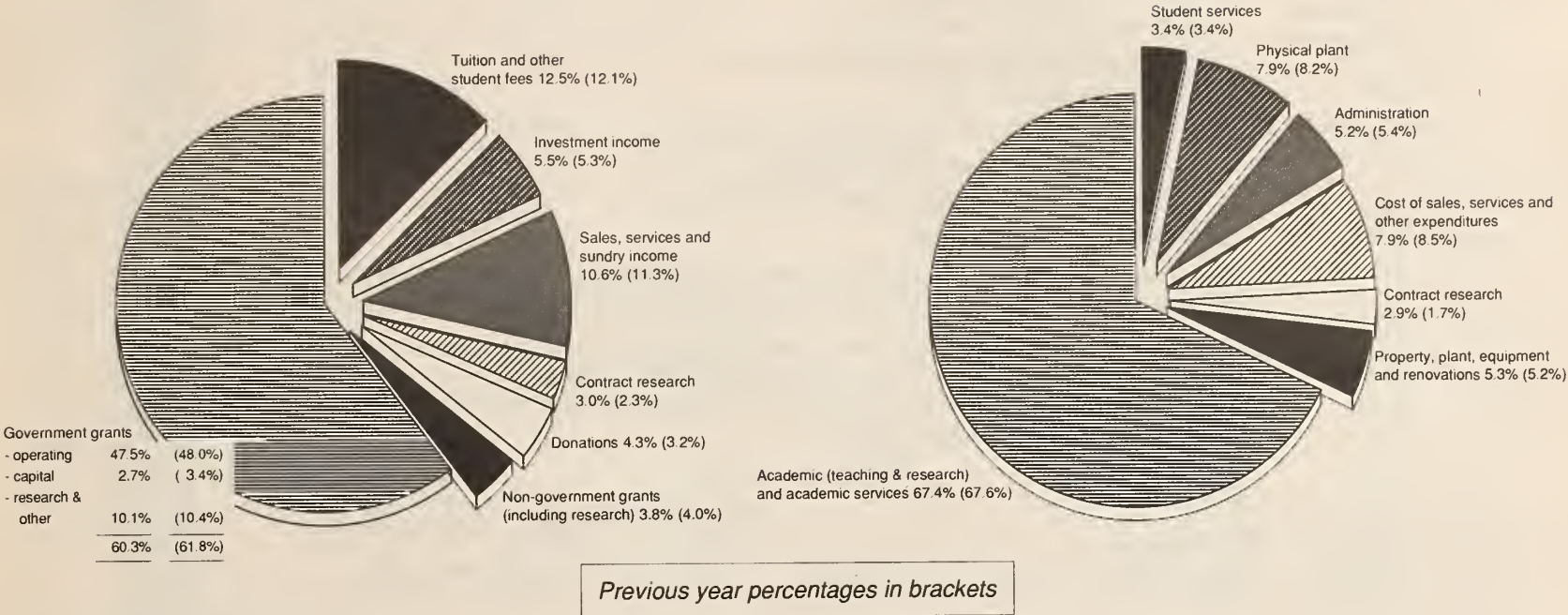
	Annual Enrolments					Full-Time Student Equivalents				
	1988-89	1987-88	1986-87	1985-86	1984-85	1988-89	1987-88	1986-87	1985-86	1984-85
Regular Session										
(Undergraduate and Graduate)										
- Full-time	35,591	34,133	32,914	32,964	33,754	34,003	32,722	31,425	31,546	32,338
- Part-time	13,761	14,113	14,117	14,409	14,442	4,520	4,550	4,585	4,628	4,618
Summer Session	21,900	20,595	20,287	20,406	20,408	7,756	7,332	7,207	7,189	7,230
Total	<u>71,252</u>	<u>68,841</u>	<u>67,318</u>	<u>67,779</u>	<u>68,604</u>	<u>46,279</u>	<u>44,604</u>	<u>43,217</u>	<u>43,363</u>	<u>44,186</u>
Made up of:										
Undergraduate	59,859	57,770	56,824	56,982	57,711	36,802	35,443	34,501	34,611	35,428
Graduate	11,393	11,071	10,494	10,797	10,893	9,477	9,161	8,716	8,752	8,758
	<u>71,252</u>	<u>68,841</u>	<u>67,318</u>	<u>67,779</u>	<u>68,604</u>	<u>46,279</u>	<u>44,604</u>	<u>43,217</u>	<u>43,363</u>	<u>44,186</u>
Funding Units										
Undergraduate						60,966	59,469	58,542	58,735	59,653
Graduate						18,891	18,299	17,472	17,718	17,903
						<u>79,857</u>	<u>77,768</u>	<u>76,014</u>	<u>76,453</u>	<u>77,556</u>
Province of Ontario Formula Grants						<u>\$320,891</u>	<u>\$296,366</u>	<u>\$275,510</u>	<u>\$266,641</u>	<u>\$256,343</u>

Notes:

- Enrolment data do not include the Ontario Institute for Studies in Education, The Toronto School of Theology and non-credit course enrolments.
- Funding Units for 1988-89 are based on the current Arts and Science program weight. The University expects them to increase by 625 once a routine request for an Arts and Science weight adjustment is approved by MCU.

Table III
Source and Distribution of Combined University Funds
For the Year Ended April 30, 1989
(thousands of dollars)

INCOME	1988-89	1987-88	EXPENDITURES	1988-89	1987-88
Current operating fund	\$450,638	\$414,718	Current operating fund	\$418,360	\$393,294
Ancillary operations	60,549	61,017	Ancillary operations	58,613	59,544
Capital funds	22,097	28,561	Capital funds	33,057	30,033
Restricted funds	169,993	146,953	Restricted funds	136,477	120,069
	<u>\$703,277</u>	<u>\$651,249</u>		<u>\$646,507</u>	<u>\$602,940</u>



Statement of Administrative Responsibility


The administration of the University is responsible for the preparation of the financial statements, the notes thereto and all other financial information contained in this annual report.


The administration has prepared the financial statements in accordance with accounting principles generally accepted for Canadian universities and in accordance with guidelines developed by the Canadian Association of University Business Officers. The administration believes the financial statements present fairly the University's financial position as at April 30, 1989 and the results of its operations for the year then ended.

In fulfilling its responsibilities and recognizing the limits inherent in all systems, the administration has developed and maintains a system of internal control designed to provide reasonable assurance that University assets are safeguarded from loss and that the accounting records are a reliable basis for the preparation of financial statements.

Governing Council carries out its responsibility for review of the financial statements and this annual report principally through the Business Board and its Audit Committee. The majority of the members of the Audit Committee are not officers or employees of the University. The Audit Committee meets regularly with the administration and with the external auditors to discuss the results of audit examinations and financial reporting matters. The external auditors have full access to the Audit Committee, with and without the presence of the administration.

The financial statements for the year ended April 30, 1989 have been reported on by Clarkson Gordon, Chartered Accountants, the auditors appointed by Governing Council. The auditors' report outlines the scope of their examination and their opinion on the presentation of the information included in the statements.


R.L. Criddle
Vice-President – Administration


G.E. Connell
President





A MEMBER OF ARTHUR YOUNG INTERNATIONAL

Clarkson Gordon

Auditors' Report

To the Members of The Governing Council of
University of Toronto:

We have examined the combined financial statements of University of Toronto for the year ended April 30, 1989 comprising the following:

- Statement of financial position
- Statement of changes in fund balances
- Schedule of surplus (deficit)
- Schedule of funds committed for specific purposes
- Schedule of property, plant and equipment
- Schedule of equity in property, plant and equipment
- Schedule of restricted funds

Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests and other procedures as we considered necessary in the circumstances.

In our opinion, these combined financial statements present fairly the financial position of the University as at April 30, 1989 and the results of its operations for the year then ended in accordance with accounting principles described in note 1 to the combined financial statements applied on a basis consistent with that of the preceding year.

Clarkson Gordon

Toronto, Canada,
June 2, 1989.

Chartered Accountants

University of Toronto

Statement of Financial Position

April 30, 1989

(with comparative totals at April 30, 1988)
(thousands of dollars)

Statement 1

	Current Operating Fund	Ancillary Operations	Capital Funds	Restricted Funds	1989 Total	1988 Total
ASSETS						
Cash	\$ 94	\$ 713		\$ 2,944	\$ 3,751	\$ 3,318
Accounts receivable	13,648	10,548		395	24,591	22,268
Inventories and prepaid expenses	1,072	7,937			9,009	8,782
Interfund accounts	4,460	(6,449)	\$ 1,365	624		
Investments (note 2)	23,712	4,063	39,205	335,178	402,158	345,335
Property, plant and equipment		32,865	900,939		933,804	877,746
	\$42,986	\$49,677	\$941,509	\$339,141	\$1,373,313	\$1,257,449
LIABILITIES						
Bank indebtedness	\$ 2,402	\$ 1,505			\$ 3,907	\$ 7,683
Accounts payable	23,061	11,300	\$ 5,495		39,856	34,262
Unearned income	3,157	3,797			6,954	5,706
Long-term debt (note 4)		15,064	1,961		17,025	17,469
	28,620	31,666	7,456		67,742	65,120
EQUITY IN PROPERTY, PLANT AND EQUIPMENT		9,640	900,438		910,078	853,980
FUND BALANCES						
Surplus	141	6,206			6,347	3,669
Deficit of discontinued ancillary (note 7)	(8,930)				(8,930)	(9,304)
Funds committed for specific purposes	23,155	2,165	33,615	\$139,781	198,716	167,369
Endowment funds				199,360	199,360	176,615
	14,366	8,371	33,615	339,141	395,493	338,349
	\$42,986	\$49,677	\$941,509	\$339,141	\$1,373,313	\$1,257,449

On behalf of the Governing Council:

Alan R. Randall
Chairman of the Governing Council

G. E. Cammell
President

See accompanying notes to financial statements

University of Toronto

Statement 2

Statement of Changes in Fund Balances

For the Year Ended April 30, 1989

(with comparative totals for the year ended April 30, 1988)

(thousands of dollars)

	Current Operating Fund	Ancillary Operations	Capital Funds	Restricted Funds	1989 Total	1988 Total
INCOME						
Government grants	\$333,295	\$ 101	\$19,012	\$ 71,151	\$423,559	\$402,914
Student fees	80,782	7,117			87,899	78,840
Sales, services and sundry income	22,335	52,447	120		74,902	73,341
Contract research	4,543			16,691	21,234	15,028
Investment income and realised gains	9,683	884	2,965	25,447	38,979	34,631
Donations				29,934	29,934	20,563
Other grants				26,770	26,770	25,932
	450,638	60,549	22,097	169,993	703,277	651,249
EXPENDITURES						
Academic	280,058	4,630		111,888	396,576	372,932
Academic services	38,672			618	39,290	34,906
Student services and assistance	16,680			5,212	21,892	20,482
Operation and maintenance of physical plant	47,354	3,441			50,795	49,407
Administration	28,848	5,001			33,849	32,752
Interest expense	291	1,597			1,888	1,556
Cost of sales and services		42,508			42,508	43,225
Contract research				18,759	18,759	9,953
Renovations	932		4,717		5,649	7,103
Property, plant and equipment			28,340		28,340	24,191
Depreciation		1,034			1,034	941
Other expenditures	5,525	402			5,927	5,492
	418,360	58,613	33,057	136,477	646,507	602,940
INCREASE (DECREASE) IN FUND BALANCES BEFORE THE FOLLOWING	32,278	1,936	(10,960)	33,516	56,770	48,309
Transfer between funds	(22,920)	(1,223)	16,491	7,652		
Decrease in deficit of discontinued ancillary (note 7)	374				374	401
NET INCREASE IN FUND BALANCES FOR THE YEAR	\$ 9,732	\$ 713	\$ 5,531	\$ 41,168	\$ 57,144	\$ 48,710
Changes for the year in individual funds:						
Decrease in deficit/increase in surplus	\$ 1,831	\$ 847			\$ 2,678	\$ 1,372
Decrease in deficit of discontinued ancillary (note 7)	374				374	401
Increase (decrease) in funds committed for specific purposes	7,527	(134)	\$ 5,531	\$ 18,423	31,347	30,174
Increase in endowment funds				22,745	22,745	16,763
	9,732	713	5,531	41,168	57,144	48,710
FUND BALANCES, BEGINNING OF YEAR	4,634	7,658	28,084	297,973	338,349	289,639
FUND BALANCES, END OF YEAR	\$ 14,366	\$8,371	\$33,615	\$339,141	\$395,493	\$338,349

See accompanying notes to financial statements

University of Toronto

Schedule 1

Schedule of Surplus (Deficit)

For the Year Ended April 30, 1989

(with comparative figures for the year ended April 30, 1988)

(thousands of dollars)

	Current Operating Fund		Ancillary Operations	
	1989	1988	1989	1988
Income	\$450,638	\$414,718	\$60,549	\$58,815
Expenditures	418,360	393,294	58,613	57,102
Operating results before commitments and transfers	32,278	21,424	1,936	1,713
Net decrease (increase) in committed funds	(7,527)	(1,005)	134	80
Transfers	(22,920)	(19,214)	(1,223)	(1,396)
Decrease in deficit/increase in surplus for the year	1,831	1,205	847	397
Surplus (deficit), beginning of year	(1,690)	(2,895)	5,359	4,962
Surplus (deficit), end of year	\$ 141	\$ (1,690)	\$ 6,206	\$ 5,359

See accompanying notes to financial statements

University of Toronto

Schedule 2

Schedule of Funds Committed for Specific Purposes
For the Year Ended April 30, 1989
(thousands of dollars)

	Balance, beginning of year	Amounts committed during the year	Deduct expenditures incurred during the year	Net increase (decrease)	Balance, end of year
CURRENT OPERATING FUND (note 3(a))					
Carryforward of divisional appropriations	\$ 6,579	\$ 9,348	\$ 6,108	\$ 3,240	\$ 9,819
Purchase order commitments	5,434	6,333	5,434	899	6,333
Faculty renewal programme	2,156	3,088	2,223	865	3,021
Divisional overhead income		1,295	45	1,250	1,250
Alterations and renovations	1,459	2,205	932	1,273	2,732
	15,628	22,269	14,742	7,527	23,155
ANCILLARY OPERATIONS (note 3(b))					
Replacement of non-depreciable equipment	957	390	579	(189)	768
Alterations and renovations	1,342	909	854	55	1,397
	2,299	1,299	1,433	(134)	2,165
CAPITAL FUNDS (note 3(c))					
General building programme	21,711	37,032	33,043	3,989	25,700
Parking facilities	3,815	1,283	15	1,268	5,083
Residences	2,558	274		274	2,832
	28,084	38,589	33,058	5,531	33,615
RESTRICTED FUNDS (note 3(d))					
Sponsored research	61,580	109,696	111,641	(1,945)	59,635
Long term adjustment fund	21,226	16,261		16,261	37,487
Other expendable funds	38,552	28,943	24,836	4,107	42,659
	121,358	154,900	136,477	18,423	139,781
TOTAL FUNDS COMMITTED FOR SPECIFIC PURPOSES	\$167,369	\$217,057	\$185,710	\$31,347	\$198,716

See accompanying notes to financial statements

University of Toronto

Schedule 3

Schedule of Property, Plant and Equipment
April 30, 1989
(with comparative totals at April 30, 1988)
(thousands of dollars)

	Ancillary Operations	Capital Funds	1989 Total	1988 Total
PROPERTY, PLANT AND EQUIPMENT AT COST (note 1(h))				
Land	\$ 18	\$ 30,822	\$ 30,840	\$ 30,840
Buildings	27,782	485,466	513,248	483,673
Furniture and equipment	12,948	297,179	310,127	290,256
Library books		87,472	87,472	79,668
	40,748	900,939	941,687	884,437
LESS: ACCUMULATED DEPRECIATION	7,883		7,883	6,691
BOOK VALUE	\$32,865	\$900,939	\$933,804	\$877,746

See accompanying notes to financial statements

University of Toronto

Schedule 4

Schedule of Equity in Property, Plant and Equipment
For the Year Ended April 30, 1989

(with comparative totals for the year ended April 30, 1988)
(thousands of dollars)

	Ancillary Operations	Capital Funds	1989 Total	1988 Total
BALANCE, BEGINNING OF YEAR				
	\$9,496	\$844,484	\$853,980	\$800,643
ADD:				
Mortgage principal repayments	144		144	136
Capital funds expended on -				
Buildings		28,340	28,340	24,051
Current operating funds expended on -				
Equipment		9,785	9,785	12,741
Library books		7,803	7,803	7,728
Amortization of computing equipment		1,085	1,085	490
Restricted funds expended on equipment		10,043	10,043	8,454
	9,640	901,540	911,180	854,243
LESS:				
Disposal of assets		1,102	1,102	263
BALANCE, END OF YEAR	\$9,640	\$900,438	\$910,078	\$853,980

See accompanying notes to financial statements

University of Toronto

Schedule 5

Schedule of Restricted Funds
For the Year Ended April 30, 1989

(thousands of dollars)

	Endowment funds				Expendable funds					
	Balance April 30, 1988	Donations, grants and other additions	Transfers	Balance April 30, 1989	Balance April 30, 1988	Donations, grants and other additions	Investment income	Transfers	Disburse- ments	Balance April 30, 1989
Student aid	\$ 36,901	\$ 514	\$ 3,021	\$ 40,436	\$ 9,135	\$ 1,977	\$ 4,542	\$ (1,100)	\$ 4,951	\$ 9,603
Departmental funds	21,540	459	1,506	23,505	22,381	12,322	3,490	(456)	14,838	22,899
Research funds	22,952	1,255	302	24,509	61,580	105,271	5,194	(769)	111,641	59,635
Miscellaneous funds	3,573		6	3,579	5,368	4,443	892	(2,772)	1,747	6,184
Long term adjustment fund			12,438	12,438	21,226	395	3,456	12,410		37,487
Faculty endowment funds	15,184	1	349	15,534	198		1,395	(339)	1,103	151
General endowment funds	15,214		438	15,652	3		1,084	(437)	646	4
Connaught fund	53,594		97	53,691	(551)		4,185	(3,861)	156	(383)
Connaught/Innovations fund	1,501			1,501	12		195		195	12
l'Anson fund	4,631		1,700	6,331	1,678		717	(1,700)		695
Breakthrough campaign		2,343	(1,873)	470		13,964	156	(11,308)		2,812
	175,090	4,572	17,984	197,646	121,030	138,372	25,306	(10,332)	135,277	139,099
Ancillary operations	1,525	169	20	1,714	328	1,433	141	(20)	1,200	682
	<u>\$176,615</u>	<u>\$4,741</u>	<u>\$18,004</u>	<u>\$199,360</u>	<u>\$121,358</u>	<u>\$139,805</u>	<u>\$25,447</u>	<u>\$(10,352)</u>	<u>\$136,477</u>	<u>\$139,781</u>
Comprising:										
Endowment funds	\$ 59,180	\$3,849	\$ 3,800	\$ 66,829						
Designated endowment funds	117,435	892	14,204	132,531						
Total	\$176,615	\$4,741	\$18,004	\$199,360						

See accompanying notes to financial statements

University of Toronto
Notes to Combined Financial Statements
April 30, 1989

1. Summary of significant accounting policies and reporting practices

The financial statements have been prepared in accordance with accounting principles generally accepted for universities consistently applied within the framework of the accounting policies summarized below:

a) Combined financial statements -

The financial statements of the University reflect the assets, liabilities, equity in property, plant and equipment, fund balances, income, expenditures and other transactions of the following individual fund groups which include all of the organizations under the jurisdiction of the Governing Council:

Fund Groups

- Current Operating Fund
- Ancillary Operations
- Capital Funds
- Restricted Funds

Interfund balances and transactions have been eliminated on combination.

b) Fund accounting -

The accounts of the University are maintained in accordance with the principles of fund accounting in order that limitations and restrictions placed on the use of available resources may be observed. Under fund accounting, resources for various purposes are classified for accounting and reporting purposes into funds in accordance with activities or objectives specified. For financial reporting purposes, the University has combined funds with similar characteristics into the four fund groups noted above.

The Current Operating Fund accounts for the costs of academic, administrative and other operating expenditures of the University financed by fees, grants and other general income. It also records the assets, liabilities, funds committed for specific purposes and cumulative surplus or deficit relating to regular academic and administrative operations.

The Ancillary Operations group includes the following operations:

Unincorporated -

- Parking
- Residences
- Food and Beverage Services
- Hart House
- University of Toronto Press
- Royal Conservatory of Music of Toronto

Incorporated -

- The Frederick Harris Music Co. Limited
- The University of Toronto Innovations Foundation

Expenditures for ancillary operations include both direct and indirect costs. Parking, residences, food and beverage services are operated on a fee-for-service basis.

Restricted funds of certain ancillary operations are included in the restricted funds group.

The Capital Funds group accounts for amounts expended and funds available to be spent on the building programme and includes funds to construct future parking facilities and to replace Devonshire House but excludes those of other ancillary operations. Capital funds include land, buildings and properties owned by the University and investments held for the building programme other than buildings, or substantial portions thereof, used exclusively for ancillary operations, capital equipment of ancillary operations and investments and funds held for the ancillary operations' building programme, which are recorded under ancillary operations.

The Restricted Funds group accounts for funds received for research and other special purposes other than building and operating programmes. As noted above, restricted funds of certain ancillary operations are included in this group of accounts. Some donations are in the form of endowments whereby only income earned on the funds is expendable for specified purposes; other donations are fully expendable for specified purposes. The endowment fund category includes funds designated as endowments by the Governing Council in the exercise of its discretion, rather than as a result of externally imposed restrictions. In such cases, the Governing Council may subsequently decide at any time to expend the principal. Assets consist of investments held for endowments, and cash and other investments available for expenditure.

c) Federated and affiliated organizations -

These financial statements do not include the assets, liabilities and operations of the three federated universities: Trinity College, University of St. Michael's College and Victoria University, each of which is a separate corporate body with separate financial statements, nor does it include the four federated colleges: Knox, Regis, Wycliffe and St. Augustine which are affiliated with the University under the memorandum of agreement with the Toronto School of Theology. However, the current operating fund does include certain income and expenditures with respect to the University arts

and science programme at the three federated universities. Income from student fees and government grants with respect to students registered in the arts and science programme are included as income in the current operating fund. Academic salaries for federated university faculty appointed to the University of Toronto and teaching in the arts and science programme and grants to the three federated universities from the University are included as expenditures in the current operating fund.

d) Accrual accounting -

The University follows the accrual method of accounting, recording income when earned and expenditures when incurred, except for research leave and sponsored research which are recorded on a cash basis. Vacation pay is accrued during the year for employees paid on an hourly basis but not for salaried employees.

e) Investments -

In the financial statements, investments are reported as follows:

i) Fixed income investments are carried in the accounts at amortized cost plus accrued interest. When such investments are sold to permit re-investment any gain or loss on sale is adjusted against the book value of the investments and amortized according to the maturity of the securities sold.

ii) Equity investments are carried in the accounts at cost. When such investments are sold to permit re-investment any gain or loss is added to or deducted from the capital of the fund.

f) Inventory valuation -

Supplies and other inventories are stated substantially at the lower of average cost and market.

g) Pension plan funding -

The accounting policy currently followed with respect to the funding of the University's pension plan is to charge against operations payments towards any unfunded liability during the year in which such payments are made. In certain circumstances a surplus in the plan may be used to reduce the cost of current service contributions.

h) Property, plant and equipment -

Land is carried at cost. Buildings and equipment acquired prior to June 30, 1971 are carried substantially at appraised values at that date. The subsequent acquisition of new properties, construction costs and equipment for new or rehabilitated buildings are carried at cost within the capital funds group. In the case of ancillary operations, buildings and equipment are carried at cost less accumulated depreciation.

Current Operating Fund expenditures include the acquisition cost of all equipment and library books as incurred with the exception of computer equipment costing more than \$500,000. The cost of computer equipment not externally funded is amortized as a charge to operations on a straight-line basis over the lesser of seven years or the estimated useful life of the equipment.

Ancillary Operations record depreciation on buildings and equipment on a straight-line or declining balance basis as an operating expense. In the case of residences and other buildings subject to mortgage the annual mortgage payments are expensed in lieu of depreciation.

The building, works of art and books of Hart House are not reflected in the financial statements.

The University holds title to the land and buildings of Sunnybrook Hospital. The Sunnybrook land and original buildings were acquired for the sum of one dollar. The property is leased to the Board of Trustees of Sunnybrook Hospital, a separate corporation, under a ground lease, which is perpetually renewable every twenty-one years at the option of the Board of Trustees of Sunnybrook Hospital.

i) Contract research -

The overhead component of contract research is taken into income within the Current Operating Fund where it is applied towards general overhead expenditures recorded within that fund. The direct expenditure component of contract research and the related income are reported within Restricted Funds.

2. Investments

The market value of investments at April 30, 1989 was \$410,049,000 (1988 - \$349,074,000). The cost of investments at April 30, 1989 was \$402,158,000 (1988 - \$345,335,000).

Investment income includes realised capital gains of \$3,432,000 (1988 - \$5,027,000).

3. Funds committed for specific purposes

a) Current Operating Fund

The commitment of funds for specific purposes reflects the application of the Governing Council policy as follows:

i) Carryforward of divisional appropriations -

In order to encourage the judicious timing and purposes of expenditures, the Governing Council has approved a policy permitting divisions to carry forward unspent appropriations in one year for expenditure in the following year.

ii) *Purchase order commitments* -

At each fiscal year end there are a number of unfilled purchase orders for which funds have been committed but for which the expense is not recorded until the goods or services are received in the following year.

iii) *Faculty renewal program* -

This program provides funds for hiring new faculty who do not currently hold a tenure stream position, for altering existing faculty complements through "buy out" arrangements or early retirements, and for professional development and upgrading.

iv) *Divisional overhead income* -

The overhead component of research is distributed to divisions on a slip year basis, whereby, overhead earned in calendar year 1988 will be appropriated to the divisions for spending in fiscal year 1989-90.

v) *Alteration and renovation projects in progress* -

These funds represent the unspent appropriations in respect of approved projects in progress at the end of the fiscal year.

b) Ancillary Operations

The commitment of ancillary operations funds for specific purposes represents funds committed for the replacement of non-depreciable equipment, alterations and renovations.

c) Capital Funds

Committed funds include monies held for the general building programme and specific projects for which government funding is not anticipated.

d) Restricted Funds

i) *Sponsored research and other expendable funds* -

Committed funds consist of grants and donations received for sponsored research, student aid, and other restricted purposes but not yet expended.

ii) *Long-term adjustment fund* -

This fund has been created from savings in normal current service pension contributions. These funds will be endowed and the income from these funds will enable the University to adjust to anticipated future financial constraints.

4. Long-term debt

Long-term debt consists of:

	1989	1988
Mortgages on student residences	\$ 8,211,000	\$ 8,312,000
Mortgage on Gage research building	400,000	600,000
Other secured loans	1,761,000	1,761,000
Unsecured loans	7,099,000	7,223,000
	<u>\$17,471,000</u>	<u>\$17,896,000</u>
less: Current portion included in accounts payable	446,000	427,000
	<u>\$17,025,000</u>	<u>\$17,469,000</u>

a) The mortgages on student residences payable to the Canada Mortgage and Housing Corporation are payable over remaining terms of 15 to 40 years. The average interest rate paid on these mortgages during the current fiscal year was 6.72%.

b) The mortgage taken back by the vendor with respect to the purchase of the Gage research building matures in January 1991 and is payable in equal annual instalments of \$200,000 without interest.

c) The University has two other secured loans outstanding at April 30, 1989 totalling \$1,761,000 with a trust company with respect to the Earth Sciences Centre. These loans carry interest approximating prime lending rates and one may be converted to long-term financing at the option of the University.

d) The University has financing arrangements with two trust companies for the construction costs related to student residences, Press warehouse expansion and the bookstore totalling \$7,099,000. The loans comprise \$2,915,000 maturing in August 1990 and \$1,965,000 maturing in April 1992 and are to be repaid in equal blended monthly instalments of \$30,220 and \$25,318 respectively. These loans carry an average interest rate of 10.9%. The remaining loans of \$2,219,000 carry interest approximating prime lending rates. These loans are classified as demand loans, but may be converted to long-term financing at the option of the University.

5. Other commitments

a) The estimated cost to complete capital projects in progress at April 30, 1989 which will be funded substantially by the government is approximately \$68,906,000 (1988-\$59,759,000).

b) The annual payments under various operating leases for which no liability has been recorded in these financial statements are approximately \$3,713,000 (1988-\$3,600,000).

c) Under an agreement with the Province of Ontario, the University has agreed to maintain the operations of the Ontario Centre for Large Scale Computation up to March 31st 1991.

6. Contingencies

a) Effective January 1, 1988 the University entered into a reciprocal exchange of insurance risks in association with forty-one other Canadian universities. This self-insurance cooperative involves a contractual agreement to share the insurable property and liability risks of member universities for a term of not less than five years.

The projected cost of claims is funded through members' premiums based on actuarial projections. It is anticipated that a surplus will be created over time as a cushion against unexpected losses. In addition, the reciprocal has obtained substantial re-insurance with commercial insurers to cover major claims in excess of \$5,000,000 per occurrence for property losses. There is no exposure in the reciprocal in excess of \$10,000,000 per occurrence for liability losses.

In the event premiums are not sufficient to cover claim settlements, the member universities would be subject to an assessment in proportion to their participation.

b) The University has two programmes under which it guarantees bank loans to faculty and staff members to assist in the purchase or refinancing of their homes. The University holds mortgages as collateral security against such guarantees. At April 30, 1989 the amount of loans guaranteed was \$2,695,000 (1988-\$2,429,000).

c) The University's policy on mandatory retirement at age 65 and relevant provisions of the Ontario Human Rights Code were upheld by the Ontario Court of Appeal as not contravening the Canadian Charter of Rights and Freedoms. An application for leave to appeal to the Supreme Court of Canada has been granted. Should the Supreme Court grant the appeal the financial effect upon the University could be significant.

7. Deficit of discontinued ancillary

The deficit of discontinued ancillary represents the accumulated deficit arising from the UTLAS operations which were sold by the University in 1985. The agreement requires UTLAS to pay an annual fee to the University based upon their library automation revenue to the year 2000. In 1988-89 the fee payment was \$374,000 (1988-\$401,000), reducing the deficit of the discontinued ancillary to \$8,930,000 (1988-\$9,304,000).

8. Breakthrough Campaign

The University has launched a campaign for private support of \$100,000,000. As at April 30, 1989 the University had received contributions and pledges of \$44,719,000 consisting of \$22,504,000 in contributions and \$22,215,000 in outstanding pledges which are substantially to be collected over a five year period.

9. Pension Plan

The actuarial valuation of the pension plan at July 1, 1988 showed a surplus of \$95,731,000 (1987-\$111,175,000) based on actuarial valuation of assets of \$784,751,000 (1987-\$724,718,000) at that date.

The University's normal current service pension costs for the year ended April 30, 1989 would have amounted to \$26,788,000 (1988-\$23,932,000). However, in light of the pension surplus, payment of these contributions to the Pension Fund was suspended for the years ended 1989 and 1988.

As a result of these arrangements the Current Operating Fund balance before appropriations for the year of \$32,278,000 (1988-\$21,424,000) is higher than it otherwise would have been by the amount of the normal current service pension costs for the Current Operating Fund of \$23,694,000 (1988-\$20,798,000). The resulting pension contribution savings were transferred to the Long Term Adjustment Fund in Restricted Funds and are included in Transfers between funds (Statement 2). After this transfer the net increase in the Current Operating Fund balance for the year is \$9,732,000 (1988-\$2,611,000).

10. Comparative Figures

Certain of the comparative figures for the previous year have been reclassified to conform with the presentation adopted in the current year.



Fitch, Packham named University Professors

PROFESSORS Brian Fitch of the Department of French and Marian Packham of the Department of Biochemistry have been appointed University Professors. The decision was approved by the Academic Board at its meeting June 8.

Fitch was unavailable for a photograph or an interview with the *Bulletin*. He is spending the summer in France and will return in August. He is a leading authority on French author and Nobel Prize winner Albert Camus and is considered to be one of the leading scholars on the work of Samuel Beckett.

The title University Professor recognizes significant scholarly activity and pre-eminence in a particular field. It is the highest honour given to faculty members at U of T.

Between one and two percent (15-30) of tenured faculty receive

the honour. Currently there are 20 University Professors.

Northrop Frye was the first University Professor in 1967. Others appointed since that time include Claude Bissell (English), Emil Fackenheim (philosophy), Louis Siminovich (medical genetics), Howard Rapson (chemical engineering), John Polanyi (chemistry), Ernest McCulloch (medical biophysics), Francis Sparshott (philosophy) and Ursula Franklin (metallurgy and materials science). Last year, Arthur Axelrad, a cancer researcher, and John Beattie, a social historian, were so honoured.

An annual research stipend accompanies the distinction and University Professors are encouraged to contribute to University life by participating on committees and delivering speeches. They are often invited to official functions but have no specific duties.

Sharing the credit

by Karina Dahlin

ON THE WINDOW SILL in Professor Marian Packham's office at the Department of Biochemistry are two pictures. One shows her with a few colleagues last year when she received the Taylor Prize and Medal from the John P. Robarts Research Institute at the University of Western Ontario; the other is a portrait of Professor Jean Manery Fisher (1908-1986).

That these two photographs decorate Packham's office is consistent with the way she shares the honour for all her accomplishments. The picture taken at the Taylor prize awards ceremony could be mistaken for one of a family gathering. It does not reveal that two of those depicted (Packham and Dr. Fraser Mustard, president of the Canadian Institute for Advanced Research) are being celebrated as pioneers in the understanding of blood platelets. The other photo is there because Fisher is Packham's role model. "She was one of the few women in biochemistry in the 40s. She broke a lot of ice and made things easier for women to work at U of T."

Packham also gives her associates at biochemistry and her chief technician, Maria Guccione, a great deal of the credit for her recent appointment as University Professor. "Without good colleagues one does not get anywhere," she says.

Platelets

Born in Toronto, Packham received her PhD from U of T in 1954. From 1954 to 1963 and from 1965 to 1967, while her two children were growing up, she was a part-time lecturer and research associate at biochemistry. In 1963-65 she was a research associate at the Ontario Veterinary College in Guelph. After eight years as assistant professor at U of T she was promoted to professor in 1975. During the years from 1978 to 1982 she was associate chair of biochemistry and in 1983-84 she served as acting chair.

Packham is one of the world's leading authorities on the biochemistry and physiology of blood platelets.

Platelets are small cells in the blood stream. Before coagulation sets in they help to stop bleeding from small wounds



Marian Packham

by forming "hemostatic plugs."

The negative function of platelets is their tendency to accumulate in blood clots, most commonly in arteries with thickened walls, and cause heart attacks, strokes and other cardiovascular complications.

In the mid-60s, Packham started some of the early work on the effects of drugs that inhibit platelet reactions. Aspirin was one of them. "There have been a lot of clinical trials on it since then," she says.

A few years ago it was established that aspirin can help to prevent some heart attacks, a finding which resulted in a Nobel Prize and a knighthood for Sir John Vane. Packham says many people claimed to be the discoverers, and in a sense they are right.

Competition

"It is difficult to say who did what first because several groups may be working on one thing at the same time. They all read the same literature and go to the same meetings and consequently get similar ideas as to what might be useful to do.

"There are also times when the majority of researchers in a field will go in one direction because a new technique or a new machine has been developed which enables them to do things they could not do before."

In the field of platelets the competition has been temperate. Packham says fights are infrequent and investigators acknowledge each other's work. The atmosphere is civilized, unlike the mudslinging that followed two chemists' announcement of cold fusion earlier this year. That controversy "was inevitable because of the way [the theory]

was presented initially," says Packham. Going to the news media with a discovery like cold fusion is not the right way to make an announcement — "absolutely not," she stresses.

Publication and peer review is the method used by Packham. She is the author and co-author of a long list of publications and a reviewer of papers for several key journals.

Funding

She also serves on research committees in Canada and the United States, including committees of the National Institutes of Health. Most of her own funding comes from the Medical Research Council.

When Packham brought home the news of her appointment as University Professor her children said: "But you've always been a university professor." It is true that she has spent all her working hours at universities and therefore it is not surprising that funding is

her biggest concern.

"It is very difficult for everyone — for administration, for support staff, for academic staff. The economy of the country will have to improve before more money comes to the universities." One of the results of constant cutbacks is that Packham and her colleagues have to do a considerable amount of secretarial and administrative duties.

Those worries fade, however, when she gets time to concentrate on her research. "One of the things that is always fun is when you discover things that you had not expected to discover. It's serendipity. You look at results and suddenly something comes out at you that opens up a whole new avenue of exploration."

It does not happen often, perhaps once a year, says Packham. They are moments to treasure and exciting to follow up. But she never forgets that the results are built on previous findings, often provided by other scientists. Sharing the credit comes naturally.



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Nota Bene

Levy honoured by Colombia

PROFESSOR Emeritus Kurt Levy of the Department of Spanish & Portuguese has received the Pedro Justo Berrio award from the provincial government of Antioquia in Colombia for his contributions to Latin American literature.

The award was presented to Levy at a ceremony March 14 in the city of Medellin by the governor of Antioquia.

Levy is honorary president of the

North American Association of Colombianists. He was chair of Spanish and Portuguese from 1978 to 1983. A specialist on the work of novelist Tomás Carrasquilla, whom he has studied for 40 years, Levy has been described by Colombians as "El Carrasquillólogo."

The Pedro Justo Berrio honour is the fourth award given to Levy by Colombia. In 1973 his work was acknowledged by the province of Antioquia and by the city of Medellin, and in 1984 the president of Colombia gave him the Order of St. Carlos.

Penicillin film wins award

A UNIVERSITY-PRODUCED documentary film won the top award in the medical and health category at the Houston International Film Festival in April.

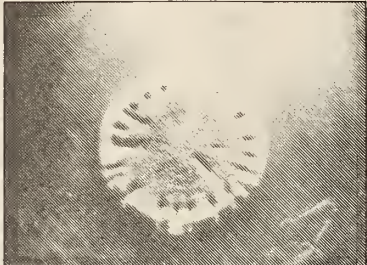
"Penicillin: First of the Miracle Drugs," produced by the Media Centre in cooperation with the Department of Botany, was awarded the special gold jury prize. The 27-minute documentary took three years to complete.

Producer Michael Edmunds, director of the centre, said the documentary evolved from retired botany professor John Morgan-Jones' idea to make a film about moulds and fungi.

"The penicillin aspect stood out and there wasn't an up-to-date film that really told the whole story," he said.

Morgan-Jones wrote the script and directed the documentary.

The film portrays Alexander Fleming's accidental discovery of penicillin in a London, England, laboratory in 1928. It recreates Fleming's experiments together



Petrie dish with penicillin culture.

with the later work of Howard Florey and Ernst Chain that led to the drug's isolation and purification.

The 30-minute original version of the film (which was later shortened for an international audience) includes a historical perspective on medical science by showing U of T's involvement in the production of the antibiotic. In 1943, the Canadian Department of National Defence commissioned Connaught Laboratories, owned by the University, to produce enough penicillin for the allied troops during the Normandy D-Day invasion in the Second World War.

The film has a hands-on educational component. The experiments are staged in extreme close-up, allowing students to follow them step by step. An educational manual written by Morgan-Jones accompanies the film. The documentary is appropriate for use by students in high school, first-year university, and medical, nursing or pharmacy schools.

Queen Elizabeth II scholarships

THREE U OF T students have been named winners of the 1989-90 Queen Elizabeth II Ontario scholarships, awarded annually to four full-time students completing a PhD program in the humanities, social sciences or mathematics.

Peter Binkley and Sian Elizabeth Echard, both of the Centre for Medieval Studies, and Alina Payne of the Department of Fine Art will each receive a \$13,000 scholarship and \$500 to offset thesis expenses. The fourth winner is Karen Dubinsky from Queen's University.

"These students have demonstrated the highest level of academic excellence," said Lyn McLeod, minister of colleges and universities.

The scholarships come from a fund that was established by the Ontario government in 1959 to commemorate the visit to Ontario by Queen Elizabeth II.

Thornton wins accounting award



Daniel Thornton

PROFESSOR Daniel Thornton of the Faculty of Management has been chosen as the 1989 winner of the L.S. Rosen Outstanding Educator Award by the Canadian Academic Accounting Association.

The award, given in June at the Learned Societies Conference at Université Laval recognizes contributions to Canadian accounting education through excellence in teaching, publications, educational innovation, research guidance of graduate students and involvement in professional and academic societies.

This fall, Thornton will assume the Chartered Accountants Professorship at the University of Calgary. The position, sponsored jointly by the Accounting Education Foundation of Alberta and the Faculty of Management at the University of Calgary, was established to enhance the quality of accounting education and research in Alberta. His previous positions include Distinguished Visiting Professor at Concordia University and professor at Queen's University.

McDayter, O'Donnell named Mellon fellows

TWO U OF T students have been named Mellon Fellows in the Humanities. The fellowships are designed to attract students to humanistic careers in higher education.

The fellowship winners are Ghislaine McDayter (English literature) and Daniel O'Donnell (English and medieval studies). Last year, Victoria College student Jessica Nash received a fellowship and she is now at Cornell doing a PhD in comparative literature.

The Woodrow Wilson National Fellowship Foundation named 126 Mellon fellows. The stipend for the first year of

for the first year of graduate study is \$11,000 (US) and the awards are tenable at any Canadian or US university.

Candidates must intend to study the humanities including history but not the creative and performing arts, social sciences, education, law, library science or social work.

Students are nominated by faculty members. The selection committee looks for academic excellence and an aptitude for teaching. The fellows, the seventh group to be named since the program was established by the Andrew W. Mellon Foundation, will begin graduate study next fall.

Dunlop wins Law Society Medal

A UNIVERSITY law professor has recently been awarded the Law Society Medal for outstanding contributions over an extended period of time to his profession.

Professor J. Bruce Dunlop, the longest-serving member of the faculty, was recognized by the Law Society of Upper Canada for his example of professional responsibility and excellence in 30 years of teaching.

For 14 years, he has served as editor-in-chief of the *Ontario Law Reports* and the *Dominion Law Reports* and he has been chair of the Academic Appeals Committee for 15 years.

Sodek receives dental research award

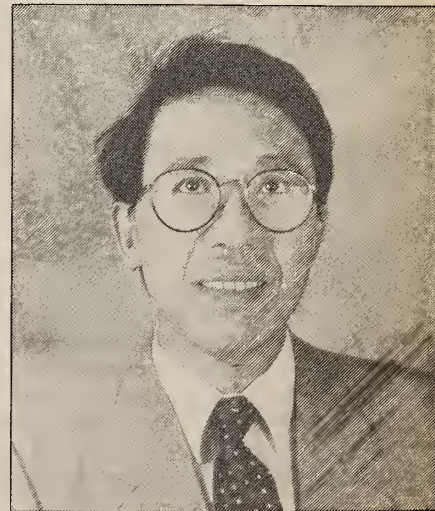
PROFESSOR Jaroslav Sodek of the Faculty of Dentistry is the recipient of the 1989 award for basic research in periodontal disease from the International Association for Dental Research (IADR). The award recognizes outstanding achievement in research.

Sodek received his PhD from U of T in 1970. Five years later, after post-doctoral research at the University of Alberta, he returned to Toronto to join the faculty.

His research involves the study of the function of connective tissue cells. He has made a major contribution to the scientific understanding of bone cells and the formation of mineralized tissue.

Sodek will receive the award June 28 in Dublin, Ireland, at the start of the IADR's 67th general meeting.

Li wins Christie prize



Peter Li

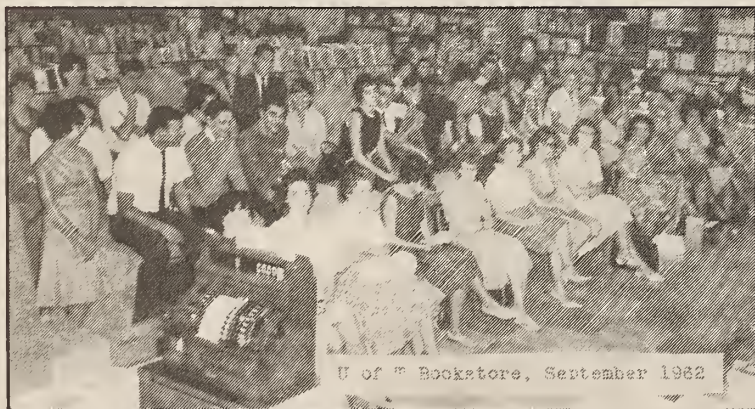
PROFESSOR Peter Li of the Department of Psychiatry and the Clarke Institute of Psychiatry has received the Paul Christie Memorial Prize of the Ontario Mental Health Foundation in recognition of outstanding research in the field of mental health.

Li's work contributes to the growing understanding of the biology of depression and the action of psychotropic drugs.

The Paul Christie Prize is awarded annually in memory of the late Dr. Paul Christie, who was medical director of the Queen Street Mental Health Centre during the 1960s.

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The private passion of David Anderson

by Karina Dahlin

After 30 years as a professor at U of T, David Anderson of the Department of Mathematics is retiring. His will not be the slipper-and-pipe kind, however. He plans to start the first private university of its kind in Canada.

The idea is not new. Sixteen years ago he went to the provincial government and asked for a university charter but ran into the "Robarts policy." In 1964, Ontario premier John Robarts said new universities should only be built as affiliates of existing ones. But the policy was never debated in the legislature or passed into law. Anderson thinks he could have fought for a charter in court and won. "I wasn't tough enough then. But this time we are not giving in."

He and a dozen professors at U of T have created an informal planning committee. Another group working on the project is based in Richmond Hill and includes former mayors Allan Duffy and William Lazenby. Their argument for starting a new university is mainly that the 400,000 people who live in the York-Simcoe region have no local university. The area is under-served, they say, compared for example to Peterborough with 70,000 people and Trent University.

Bette Stephenson, a former minister of both education and colleges and universities, is also a committed supporter of the project and has accepted Anderson's invitation to become chancellor of Wolfe University if it gets its charter. Anderson will be its president.

Academic standards

In connection with a review of the government's policy on the establishment of free-standing, secular degree-granting institutions, the Ontario Council on University Affairs invited several interest groups to public hearings in January. Following the hearings, Anderson outlined one of his reasons for wanting to start a new university.

In a brief to OCUA, the Council of Ontario Universities said it opposes the establishment of private universities. "In Ontario the provincially assisted universities are required by government to meet high academic standards if their programs are to be eligible for public funding Will private universities be required to meet the same academic standards?" the COU asked.

In his rebuttal Anderson said: "This touches hard on our vow to have higher quality, for every professor knows how low the standards often are. They know how far removed the system is from serving the practical needs of the province, crying for jobs and work. They wonder at the rationale of engineering training which is divorced from engineering as *applied* science and takes little account of the fact that most graduates go into sales or other non-engineering work. They cannot accept the production of humanists who know no science and of



David Anderson

scientists who know no humanities, and of both who know no history."

OCUA's findings and its recommendations are expected to go to the minister of colleges and universities in October. Anderson is optimistic that a change in policy will be recommended. "If they [OCUA] wanted to say no, they could have done that in a week."

British style

Anderson chose the name Wolfe University carefully. In his view, James Wolfe, commander of the British expedition that took Quebec in 1759, is "the first modern English Canadian, the George Washington of Canada — he opened up the continent to the British instead of the French.

"Wolfe was a studious man, religious, and an extremely ingenious fellow, as his victory in Quebec showed," said Anderson. He died at 31, but his many accomplishments should be a challenge and an inspiration to students "to get on with things. Don't wait until you are old."

To those who might object to a university dedicated to British culture, Anderson says he would be happy to start a General Montcalm University in Quebec.

The first course at the Wolfe Institute ("University" can only be used officially when a charter has been granted) will start in September. Twenty students are lined up for a course in interior design headed by Penny Bowman of Richmond Hill. The course will eventually be a part of the university's fine arts program.

Other subjects are likely to be ethics, business, engineering, environmental protection, military studies, writing, language training and medical "peripher-

als" such as industrial hygiene. Wolfe will not be a glorified community college, Anderson said. "It will grant degrees and we hope it will be the best university in Canada."

Piece by piece

Eventually, he would like his university to include 5,000 students, 400 faculty and 1,000 staff on a 2,000-acre

Does the York-Simcoe region need its own university?

campus. It will be modelled on Buckingham University in England, the new Bond University in Australia, the University of Chicago, the Massachusetts Institute of Technology and Stanford University.

At the moment, however, Wolfe has neither property nor cash. Maple United Church has offered to house the interior design course and an active search for corporate funding may not start until a charter has been granted.

Anderson does not mind building piece by piece. "A university is more like a flotilla of war canoes, each with one or two paddlers, and each with its own target, than it is a single battleship. As York University showed, a university can start, if it has to, with the launching of a few canoes."

Wolfe will be run like a regular business corporation. "Those who invest in it own it — including students and staff," said Anderson. As part of their fees students will contribute a nominal investment, perhaps \$250 a year, and can remain shareholders after they graduate. "Students must feel part of the institution from day one."

Staff and professors will be hired on a contractual basis. "We will all work with one another, not for each other. It will not be a master-service relationship.... Whether it will fly I don't know," Anderson conceded.

Academic freedom should not be a problem at Wolfe, he said. His letter to OCUA said "... the essence of our position is that we should have the freedom from undue public interference in our determinations and the freedom to try to carry them out."

The main question is whether professors and staff of certain minority persuasions, "along with students who see enough merit in them to join our orbits," are free to explore them according to their own beliefs, Anderson said.

Starting a new university is not a lot of work, he insists. "A great network of universities exists; all you have to do is to pluck it."

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University of Toronto

Director of Athletics & Recreation

Job

An Advisory Committee is seeking a Director of the Department of Athletics and Recreation at the University of Toronto. The Director is the senior administrator responsible through a departmental Council for a large and important department offering programs in non-credit instruction, recreation, intramural and intercollegiate athletics, and fitness training, and also responsible for liaison with the School of Physical and Health Education, senior administration, community groups and extramural sports bodies.

Qualifications

- Several years substantial administrative experience
- Aptitude for and dedication to athletics and recreation in an educational environment
- Management and human relations skills
- Substantial background in athletics and recreation
- Graduate degree in athletics and recreation or a related area an asset
- Ability to communicate with a wide variety of groups including students, community, and government agencies

Salary Range

\$54,514 - \$68,143 - \$81,772

Applications will be received until August 15, 1989, for an appointment commencing as soon as possible. Applications and requests for further information may be directed to Mr. Michael Dafoe, Office of Student Affairs, Room 220, Simcoe Hall, University of Toronto, Ontario, M5S 1A1.

In accordance with its *Employment Equity Policy*, the University of Toronto encourages applications from qualified women and men, members of visible minorities, aboriginal peoples and persons with disabilities.



Events



Suleyman Mosque in Istanbul. See "The Golden Age of Ottoman Architecture" in Exhibitions.

Exhibitions

ROBERTS LIBRARY

The French Revolution in Posters.

To June 30

A collection of posters to celebrate the bicentennial of the French Revolution; co-sponsored by the French cultural service of the consulate-general of France.

JUSTINA M. BARNICKE GALLERY, HART HOUSE

To July 13

Telling Lies.

Therese Bollinger, works on paper. East Gallery.

Susan Low-Beer.

Ceramic sculpture. West Gallery.

The First Canadian International Triennial of Slovak Art.

July 5 to July 21

A multidisciplinary Slovak art show; co-sponsored by the Slovak National Council. Main Display Area.

Hours: Monday to Thursday, 8.30 a.m. to 11 p.m.; Friday, 8.30 a.m. to 6 p.m.; Saturday, 9 a.m. to 5 p.m.; Sunday, 1 to 9 p.m.

(Public & Community Relations)

Scottie Wilson: The Canadian Drawings.

July 20 to August 17

Organized and circulated by the Dunlop Art Gallery, Regina. Both Galleries. Gallery hours: Monday to Friday, 11 a.m. to 5.30 p.m.; Saturday, 1 to 4 p.m.

THOMAS FISHER RARE BOOK LIBRARY

1789: Année de la Liberté.

To August 31

An exhibition of books, pamphlets, plays and other materials relating to the first year of the French Revolution. 1st and 2nd floors.

Hours: Monday to Friday, 9 a.m. to 5 p.m.

SCHOOL OF ARCHITECTURE & LANDSCAPE ARCHITECTURE

The Golden Age of Ottoman Architecture.

June 27 to July 13

The work of Sinan, court architect to Sultan Suleyman in 16th-century Turkey. The Galleries, 230 College St. Gallery hours: Monday to Friday, 9 a.m. to 5 p.m.

Lectures

Circadian Rhythms and Pathophysiology of Depression.

Tuesday, June 27

Prof. Anna Marie Wirz-Justice, University of Basel. Lecture theatre, 602 Jones Building, Wellesley Hospital. 12 noon. (Psychiatry)

Winter Depressions and Light Therapy — Present Status.

Wednesday, June 28

Prof. Anna Marie Wirz-Justice, University of Basel. Auditorium, Clarke Institute of Psychiatry. 12 noon. (Psychiatry)

Miscellany

Campus Walking Tours.

To August 31

Hour-long tours of the downtown campus conducted by student guides. Map Room, Hart House. 10.30 a.m., 12.30 and 2.30 p.m., Monday to Friday.

Information: 978-5000.

Special Canada Day Walking Tours.

Saturday, July 1

Tours on the theme of student life in 1867 conducted by student guides in period costume. Map Room, Hart House. 12 noon and 2 p.m. Information: 978-5000.

Carillon Recital and Tour

Sunday, July 2, July 9, July 16 and July 23

Sydney Shep, University carillonneur. Soldiers' Tower, 7.30 p.m.

Evening Readings.

Sunday, July 23 to Saturday, July 29

Michael Ondaatje, Neil Bissoondath, Mary di Michele and Josef Skvorecky; in conjunction with Creating Professionals: A Canadian Writing Workshop. School of Continuing Studies. 8 to 10 p.m. Information: 978-2400.

University of Toronto
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1084S stereo colour monitor	\$505
2080 hi persistence monitor	\$615

PACKAGE #2

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A501 memory/clock
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\$2,150.00

Events deadlines

Please note that information for Events listings must be received in writing at the *Bulletin* offices, 45 Willcocks St., by the following times:

Issue of July 24, for events taking place July 24 to August 21:
Monday, July 10

Issue of August 21, for events taking place August 21 to Sept. 11:
Tuesday, August 8

CANCER PREVENTION You Can Have A Hand In It

The Canadian Cancer Society reminds you to increase your intake of whole-grain breads, cereals, and grains and to decrease your intake of fat. This is part of a well-balanced diet which may reduce your risk of cancer.



Research Notices

For further information and application forms for the following agencies, please contact ORA at 978-2163.

Ontario Ministry of the Environment

No further applications for financial support will be considered this year by the research and technology branch. The total budget

allocated to this program has been committed to ongoing projects and proposals received in January. The June 15 competition has been **cancelled**.

Sandoz Prize for Immunology

Individuals and research teams are invited to submit applications for projects in all

areas of immunology, in particular those with emphasis on clinical immunology, autoimmune diseases, cancer immunology, immunity to infectious diseases, transplantation immunology and discoveries in immunology leading to therapeutical applications. The prize is worth \$100,000 (US). Deadline is *June 30*.

Thyroid Foundation of Canada

Grants of up to \$33,000 will be awarded in September 1989 for thyroid research. Deadline is *August 1*.

Upcoming Deadline Dates

Canada Council — Killam research fellowship; Isaac Walton Killam Memorial Prize nominations: *June 30*.

Canadian Diabetes Association — research grants: *July 30*.

Canadian Foundation for AIDS Research — research grants (anticipated deadline): *June 30*.

Canadian Nurses Foundation — small research grants: *July 31*.

Deafness Research Foundation (US) — new research grants: *July 15*.

Health & Welfare Canada (NHRDP)/MRC/IDRC — collaborative AIDS research special competition (letters of intent): *any time (please note IDRC applications to Office of international Cooperation); career awards (post-doctoral fellowships, national health research scholarships and scientists, visiting scientists): July 31*.

Hereditary Disease Foundation — research grants: *August 1*.

Hospital for Sick Children Foundation — research grants: *August 1*.

March of Dimes (US) — clinical research grants: *August 1*.

MRC — NIH international research fellowship (full application): *August 1*; university/industry operating and equipment grants: *August 15*.

NSERC — 1989 microelectronics fund: *June 30*;

Steacie prize nominations: *October 2*.

Ontario Ministry of the Environment — *June 15* competition **cancelled**; pesticide advisory committee: *June 30*.

Ontario Ministry of Health — progress reports (previously notified career scientists only): *August 31*.

Thyroid Foundation of

Canada — research grants: *August 1*.

Sandoz Ltd. — Sandoz prize for immunology: *June 30*.

SSHRC, Research Communications Division — aid to occasional scholarly conferences in Canada (Oct-Feb): *June 30*.

U of T — research grants: *August 1*.

Recent academic appointments

Faculty of Dentistry

Professor Norman Levine, acting dean, from July 1, 1989 until a dean is appointed

School of Graduate Studies

Professor Jon S. Cohen, acting dean, from July 1, 1989 to June 30, 1990

Faculty of Medicine

Professor Jeremy Carver, associate dean, basic sciences, from July 1, 1989 to June 30, 1992; Professor Donald H. Cowan, associate dean, clinical and institutional affairs, from July 1, 1989 to June 30, 1992; and Professor John Hastings, associate dean, community health, from July 1, 1989 to June 30, 1991 (reappointment)

Centre of Criminology

University Professor John M. Beattie, director, from July 1, 1989 to June 30, 1992

Institute for Environmental Studies

Professor Henry A. Regier, director, from July 1, 1989 to June 30, 1994

Centre for International Studies

Professor Leonard Waverman, director, from July 1, 1989 to June 30, 1994

Museum Studies Program

Professor Jon C. Barlow, director, from July 1, 1989 to June 30, 1992

Centre for Russian & East European Studies

Professor Robert E. Johnston, director, from July 1, 1989 to June 30, 1994

Centre for Urban & Community Studies

Professor Richard E. Stren, director, from July 1, 1989 to June 30, 1994

Centre for Gerontology

Professor Blossom T. Wigdor, acting director, from July 1, 1989 to June 30, 1990

Centre for Religious Studies

Professor Ernest G. Clarke, acting director, from July 1, 1989 to June 30, 1990

Department of Fine Art

Professor Philip L. Sohm, chair of the undergraduate department and graduate Department of History of Art, from July 1, 1989 to June 30, 1992 and from July 1, 1993 to June 30, 1995

Department of Slavic Languages & Literatures

Professor Christopher J. Barnes, chair of the undergraduate and graduate departments, from July 1, 1989 to June 30, 1994, and professor with tenure, from July 1, 1989

Department of Statistics

Professor David F. Andrews, chair of the undergraduate and graduate departments, from July 1, 1989 to June 30, 1992 (reappointment)

Department of Community Health

Professor David Hewitt, chair of the graduate department, from July 1, 1989 to June 30, 1992

Department of Microbiology

Professor John L. Penner, acting chair of the undergraduate and graduate departments, from July 1, 1989 to June 30, 1990

Professorship in Ethnic, Immigration and Pluralism Studies

Professor Robert F. Harney, from July 1, 1989 to June 30, 1994

Department of Metallurgy & Materials Science

Professor Glenn S. Dobby, associate professor with tenure, from July 1, 1989

Department of Botany

Professors John R. Coleman,

Richard A. Collins and Frank DiCosmo, associate professor with tenure, from July 1, 1989

Department of Computer Science

Professor Michael Luby, associate professor with tenure, from July 1, 1989

Department of Germanic Languages & Literatures

Professor Deirdre Vincent, associate professor with tenure, from July 1, 1989

Department of History

Professor Lynne Viola, associate professor with tenure, from July 1, 1989

Department of Middle East & Islamic Studies

Professor Maria Subtelny, associate professor with tenure, from July 1, 1989

Department of Political Science

Professor Robert Vipond, associate professor with tenure, from July 1, 1989

Department of Zoology

Professor Darryl T. Gwynne, associate professor with tenure, from July 1, 1989

Faculty of Education

Professor David W. Garth, professor, from July 1, 1989

Department of Rehabilitation Medicine

Professor Hyla Rubin, associate professor with tenure, from July 1, 1989

Faculty of Music

Professors David J. Elliott and Patricia M.M. Shand, professor, from July 1, 1989

Scarborough College

Division of Humanities Professor Russell Brown, professor, from July 1, 1989

Division of Physical Sciences

Professor Alberto Mendelzon, professor, from July 1, 1989

PhD Orals

Graduate faculty please call the PhD oral examination office at 978-5258 for information regarding time and location for these listings.

Tuesday, June 27

Egya Ndayinanse Sangmuah, Department of History, "The United States and the French Empire in North Africa, 1946-56: Decolonization in the Age of Containment." Prof. R.W. Pruessen.

Thursday, June 29

Sunril Chithranjan Tantrige, Department of Chemical Engineering & Applied Chemistry, "A Flow Visualization Investigation of the Turbulent Boundary Layer over Regularly Rough Surfaces." Prof. O. Trass.

Friday, July 7

Hironobu Hyodo, Department of Physics, "Paleomagnetic and Argon isotopic Studies of a Precambrian Dike Contact." Profs. D.J. Dunlop and D. York.

David Graham Nairn, Department of Electrical Engineering, "Current Mode Algorithmic Analog-To-Digital Converters." Prof. C.A.T. Salama.

Wednesday, July 12

James Steven Leeder, Department of Pharmacology, "In Vitro Assessment of the Cytotoxic Potential of Drugs." Prof. S.P. Spielberg.

Thursday, July 13

Douglas Atchison Campbell, Centre for Religious Studies, "The Rhetoric of Righteousness: An Analysis of ROM. 3:21-26 in Context." Prof. R.N. Longenecker.

Chung Soon H.R. Leung Toun, Department of Chemistry, "Nucleophilic Reactions of Ketenes: Experimental and Theoretical Approaches." Prof. T.T. Tidwell.

Monday, July 24

Timothy Nam Chang, Department of Electrical Engineering, "The Decentralized Control of Large Scale Descriptor Systems." Prof. E.J. Davison.

Tuesday, July 25

Joel Albert Cieman Baum, Faculty of Management, "A Population Perspective on Organizations: A Study of Diversity and Transformation in Child Care Service Organizations." Prof. M.G. Evans.

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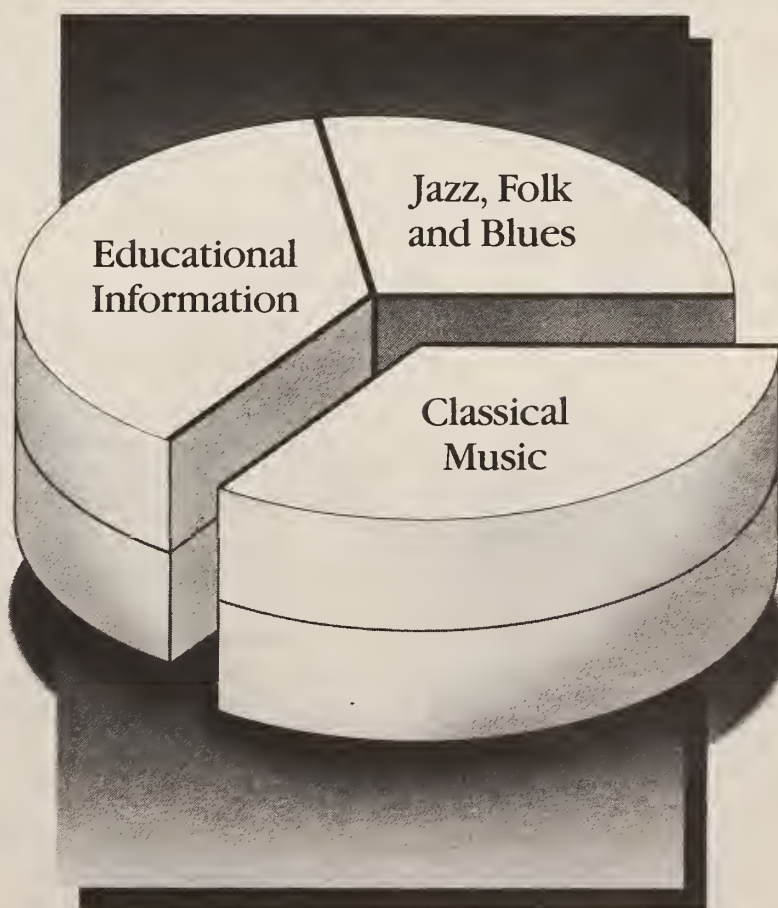
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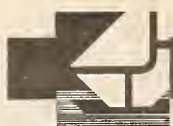
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Funding for disabled

I WAS PLEASED you included the story, "Disabled get gov't funding," in the June 12 *Bulletin*. I would like to point out that the funding is for operating, not capital (e.g., ramps and washrooms), expenditures. The funds will increase the accessibility for *students* with a disability, not the "students and others" referred to in the *Bulletin*.

My office is arranging small group sessions to discuss needs and possible solutions. If readers would like either to attend or to provide suggestions to me, I would be glad to hear from them.

Eileen Barbeau
Coordinator
Services to Persons with a Disability
978-8060

Bloopers not funny

LIKE MANY colleagues, I have chuckled over the absurd mistakes that turn up on exams and essays. Even so, I have felt a mounting uneasiness at the *Bulletin's* continuing chronicle of student bloopers ("History of the World," Editor's Notebook, Dec. 12, 1988, to May 15).

In part, I resent the smugness and condescension of the chroniclers. A teacher's role should be to instruct and correct rather than to ridicule his or her students. I am also aware of having been caught more than once with my own foot in my mouth, and I strongly suspect that this is a widely shared condition among faculty members as well as students.

Consider the following example, from the pen of a "senior research fellow" at a prestigious American university: "[James] Madison and his colleagues [i.e., the 'founding fathers' of the US constitu-

tion] were intimately familiar with John Stuart Mill's classic essay 'On Liberty,' and they knew, although it is all but forgotten in journalistic circles, that Mill was as concerned with preventing harm as he was with promoting liberty."

Unlike some student bloopers, this sentence is grammatical and sensible — until one realizes that Mill wasn't even born when Madison and his colleagues were framing the constitution. From a historical point of view the statement, which appeared on the Op-Ed page of *The New York Times*, is no less outrageous or pernicious than the student mistakes that received so much attention in your pages.

Who among us would like to cast the first stone?

R.E. Johnson
Department of History

HR News & Views

A monthly column from Human Resources

by Rudy Kremberg

Improved benefits

If you plan to visit your dentist or check into a private hospital this week, here's a good excuse for putting it off — improvements in the University's dental and medical benefits packages for faculty, librarians and administrative staff will take effect in July and August.

Dental plan

- Effective July 1, the dental plan will be amended to provide insurance coverage based on the 1988 Ontario Dental Association (ODA) fee schedule. Effective Jan. 1, 1990, it will be updated to the 1989 ODA fee schedule.

- Riders #2 (dentures) and #4 (crowns and bridges) will be added to the existing dental plan effective July 1. The University will pay 80 percent of the premium cost and the staff member will pay 20 percent. There will be 80-20 co-insurance and the maximum annual claim will be \$1,500 per person.

Extended health care

Effective July 1 both the maximum payment per visit and the annual maximum will be removed from the existing extended health care plan for the following services:

- care in licensed private hospitals
- registered clinical psychologists
- qualified speech therapists
- registered masseuse/masseur.

Note: new premiums for both plans will be effective July 1. Coverage will begin Aug. 1.

LTD/group life

Effective July 1, 1990 the group life maximum basic coverage will be in-

creased from \$90,000 to \$125,000 and the LTD maximum insurable earnings will increase from \$65,000 to \$90,000.

Deadline reminder

If you want to cancel your enrolment in the joint membership plan, the Human Resources Department must receive your cancellation form no later than **June 30**. Otherwise, your membership will continue for another year.

Cancellation forms are available at 215 Huron St., 8th floor. Contact Lynda Collins at 978-2088 for more information.

Performance appraisal reminder

Many of you have already completed performance appraisals for this year. We know because they have been arriving at our offices.

For those supervisors who haven't completed them, just a reminder that forms are available at 215 Huron St. (978-4001) or at your departmental personnel office. If you are having difficulty or have never completed one before, contact your personnel officer who will be able to advise you.

Job opportunities

Administrative Assistant I
(\$22,483 — 26,450 — 30,417)
Physical Plant
Contact: Sylvia Holland

Furnishing Coordinator
(\$35,246 — 41,466 — 47,686)
Physical Plant, two-year contract
Contact: Sylvia Holland

China

Continued from Page 16

of our tour was over, and we spent five days visiting friends and colleagues at East China Normal University. We were honoured by being invited into people's homes for supper, and a steady stream close to the university.

There are moments I will never forget: my last meeting with a distinguished elderly academic recovering from a serious heart attack. As he held my hand there were tears in his eyes as he avowed that China's government had to change for the sake of its young people.

I remember our last meal at the home of a friend who had been a visiting scholar in Toronto. It was an amazing feast cooked on a small two-burner gas stove by his sister-in-law who was a master chef. As we toasted each other with sweet Chinese wine, I shuddered to think what the food must have cost someone whose salary is not likely to be more than 150 yuan a month (\$50.00 Canadian).

And then there was the evening at the Shanghai ballet. My host and his daughter were proud to let us see their city's ballet company which heroically struggled through a close approximation of western ballet. But the irony of the whole occasion was lost on my host since the ballet being performed that night was *Don Quixote*. Having witnessed in various cities over a month brave exhibitions of student protests, I could not help but make the association with Don Quixote's tilting at windmills. Little was I to know that five days later, unarmed students would be tilting at tanks in Tiananmen Square and dying quixotically for their brave ideals.

Pedicab cyclist

As I sit quietly now in my suburban garden listening to the drone of bees lazy among flowers, I think back to my friends in China. I wonder if they are safe — the staff on our floor of the Minzu Hotel in Beijing, the indomitable young guide in Wuhan, all the other students I met whose names are still recorded on the wall newspapers.

I think of the pedicab cyclist in Beijing who early in May drove us through back allies from the Forbidden City to the Minzu Hotel. I remember bargaining him down from his original asking price of 20 yuan to 8, and I am ashamed. He is likely to go unrecorded as one of those brave pedicab cyclists who heroically shuttled the dead and wounded to hospitals on the infamous night of June 4.

For most of us in Canada, China defies comprehension. The unfailing cheerfulness and generosity of its ordinary people is difficult to square with the sickening atrocities now being visited on thousands of university students, intellectuals and workers by the secret police. For them there is no place left to hide.

I am left with snapshots of individual people whose acts of kindness and solicitous care kept us sheltered from serious trouble. I wonder, too, if they are safe and if I will ever see them again. I cannot mourn for China because I do not know how to embrace such a mass of beleaguered humanity, but I can mourn for all those individuals whom I am proud to remember as friends. Mourn for them, and pray for their safety.

Professor John MacDonald is former dean of the Faculty of Education at U of T. From May 2 to June 2 he and a colleague from England toured seven normal universities in China for the World Bank to report on current practices in teacher education

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July 2, 9, — SYDNEY J. SHEP
16, 23 University carillonneur

July 30 — JANET TEBBEL
Philadelphia, Pennsylvania

at SOLDIERS' TOWER,
Hart House Circle, U of T
978-2021

Classified

A classified ad costs \$10 for up to 35 words and \$.25 for each additional word. Your name counts as one word as does your phone number, but the components of your address will each be counted as a word. No charge for postal code.

A cheque or money order payable to University of Toronto must accompany your ad.

Ads must be submitted in writing, 10 days before *Bulletin* publication date, to Nancy Bush, Department of Communications, 45 Willcocks St., Toronto, Ontario M5S 1C7. Ads will not be accepted over the phone.

Accommodation Rentals Available -- Metro & Area

Bloor/U of T. Luxury studio apartments in renovated Victorian house. Fireplace, sauna, laundry facilities, parking. Could be totally equipped including microwave, china, dishes, linens, TV, etc. Immediate. Call 971-6094 or leave message.

One-bedroom furnished apartment for rent from September 1989 through April 1990 (precise dates negotiable). Twelve-minute walk from Robarts Library, five-minute walk from Spadina station of TTC. Suitably set up for single academic or couple, with two study areas, IBM Selectric, computer table, files. Comfortably furnished with king-size bed, stereo, TV. Very large balcony, indoor parking. No smokers. Eleanor Smollett, 924-7885.

Unfurnished 676 sq. ft. studio condo apartment. 44 Gerrard St. W. at Bay St. Dishwasher, stove, fridge, TV, cable. Private laundry room — no appliances. \$950 per month. Cindy 471-2776, 12 noon — 5 p.m.

Forest Hill. Large executive 5-bedroom. Furnished. 5 baths/jacuzzi, etc., master en suite. Just renovated kitchen/addition. Landscaped patio. A.C. Quiet shady street. Available late July through December. Rent \$2,800/negotiable. References. 783-3657.

Half of semi-detached house, one block to Coxwell subway; open concept main floor with large kitchen and powder room, walk-out to deck and fenced yard; large bedroom with en suite bathroom in basement; four appliances; July 1; \$1,000 including utilities; 422-1058. (Or you can rent whole house, with second floor flat, \$1,650 plus utilities.)

Perfect for family: August to January. Furnished renovated house close to Runnymede subway. 4 bedrooms, 3 washrooms, family room, recreation room, study, 7 appliances, air conditioning, garage. No pets. References. August 15, 1989 until January 15, 1990 (negotiable). \$1,800 plus. Larry Schmidt, 331 Beresford Ave., Toronto M6S 3B4. 766-5444/828-3771.

Cabbagetown — sunny three-level two-bedroom apartment (2500 square feet) in Victorian duplex. Large beautiful garden. Office space or third bedroom in finished basement with second bathroom. Walk to schools, parks, shopping, transit. \$1,950 +. 920-3998.

Thornciffs Park area. Two-bedroom fully quality-furnished apartment, back location, beautiful fourth-floor sylvan view, quiet, private car park sightable. All included except phone \$1,000 monthly from August 1, 1989 to August 1, 1990. 425-8718.

Annex (Bloor & Bathurst). Luxury 1-bedroom apartment, available July 1st, \$1,000. Luxury 2-bedroom apartment, available August 1st, \$1,200. With large deck, beautiful Japanese garden in backyard. 531-0713 Mrs. Pak.

Duplex for lease — Avenue Road/Eglinton Avenue. Three-bedroom upper, steps to subway, bus. Two appliances, one-car garage, non-smokers, no pets, references, credit check. \$1,150 plus utilities per month. Available September 1 or sooner. 488-1086 evenings.

Luxury apartment, 44 St. Joseph Street. Furnished/unfurnished, one bedroom plus dining-solarium, 6 appliances, Jacuzzi, blinds, cable sports channel, carpeting, extra storage, mirrors. Amenities: swimming pool, whirlpool, saunas, gym, concierge. Phone owner 972-1170.

St. Clair/Christie: 3-bedroom, newly renovated, with spacious kitchen, sun-room and deck, 5 appliances, parking. \$1,300 +. Call 654-8373.

Sabbatical gem — for one year, beginning August 15th. Furnished, 3½-bedroom house. Elegant principal rooms, large kitchen + nook, fireplaces. Right at Royal York/Bloor subway. Beautiful street. No pets. \$1,700/month, but negotiable. 231-5136.

Spacious, bright, 1-bedroom apartment with den at Avenue Road & Lawrence. Available July/August. Phone 489-9217.

Minutes to Yonge/Lawrence subway. Three-bedroom detached house, new kitchen, 6 appliances, fireplace, fully furnished/equipped, deck, garden, parking. Available late August, one year. No pets or smokers. Phone 481-6857 or 491-5050 extension 4700.

Right downtown near U of T. 1-bedroom apartment for rent. Parking & all conveniences. Call Joseph Tseu 652-1111 or 737-0687.

2-Bedroom furnished/unfurnished air-conditioned modern apartment in low-rise. Quiet, on The Esplanade. 20 minutes TTC to University. Across from St. Lawrence Market. Ideal for couple. Available August 1st, 1989 — May 1, 1990, dates negotiable. \$1,200/month (flexible) utilities included. Call 362-8641.

Bright, newly painted, large bachelor apartment in Forest Hill (Bathurst/Eglinton). Totally furnished (television, stereo, sofa bed, chairs, desk, plants, dresser, complete kitchenware). Rent: \$600 monthly. Available from August 1, 1989 to July 1, 1990. Contact: Claudia at 783-9406.

Home away from home. Walk into a fully furnished & equipped one-bedroom apartment. Centrally located in Forest Hill Village. Air-conditioned, garage included. Maid service available. Call between 9:30 — 6:00, 869-0303. Available August 1, \$1,200 per month.

Broadview & Danforth Bargain: house owner going away for 2 months — July 5 to September 5 — would like to rent completely equipped house AT A VERY REDUCED RATE in exchange for looking after 2 placid and independent cats and garden. Pretty house in Riverdale near two parks, suitable for one person or couple only. Non-smokers preferred. \$475/month. Leave message at 461-5367 any time.

Annex, Brunswick/Bloor subway. Beautiful renovation, 4-bedroom, 3-storey house, security system, Victorian charm, original pine floors, central air, fireplace, separate living/dining-rooms, eat-in kitchen, 5 appliances, ideal for small professional family. \$2,250 plus utilities, August 1, 922-0097.

Attractive small 3-bedroom detached house on quiet street. Available July 1st. \$985 + utilities. Laundry. 763-3725.

Annex furnished house. Sabbatical rental July 15, 1989 — August 15, 1990. 4 bedrooms, good study spaces, decks, pleasant garden, laundry, parking. Suitable for family or 2 couples. \$1,800/month plus utilities, non-smokers, references. Phone 531-8109.

Long- or short-term rental. Lower duplex on two levels. Accommodates three. Beautifully furnished and equipped. Lovely garden with lighted gazebo. Marble fireplace, great kitchen, antique furnishings, crystal, china, etc. \$1,200. Just bring your suitcases. 532-3217.

Furnished house for rent: Etobicoke. Available August 1, 1989 until September 1, 1990. Minutes from subway. 3 bedrooms, 2 bathrooms, large family room, two fireplaces, close to shopping, schools. \$1,500 per month plus utilities. 621-3631.

Beach duplex. South of Queen. One-bedroom ground-floor duplex available for 1 year. Suitable for single person or married couple. Steps to boardwalk, TTC, shops. Available July 1, \$900 per month. Call 694-7969.

Rosedale, family house. 5-bedroom house with nanny room in basement. Convenient to downtown, U of T, hospitals. Close to TTC, schools, shops. Available July 1 — length of tenancy negotiable. \$2,500 per month. Call 694-7969.

High Park — Roncesvalles. 3-bedroom house, large living-room, dining-room and eat-in kitchen, lovely garden, 2-car parking, TTC steps away, very convenient for downtown and University. \$1,422 including hydro. 534-0503.

Willcocks Street. Charming, newly decorated, 1-bedroom lower duplex. Garage, deck, fireplace, five appliances plus laundry facilities. \$1,400 inclusive. 921-5701.

West Annex, available August 1st for one year, walk to campus. One-bedroom apartment, bright, own laundry, central air conditioning. Could be furnished. \$890 inclusive. Quiet non-smoking person or couple only. Phone 926-1300 x3286 or 588-5801.

Furnished family home, 3-4 bedrooms, study, 5 appliances, parking, backyard, on park, near Ossington subway. Available December 1989 (negotiable). Prefer 2-year lease. Call Marion or Nick 534-6232, 533-4221. \$1,600 + utilities (rental income \$400).

September 1989 to August 1990. 3 bedrooms + room and half bath in basement, private garden, parking, on cul-de-sac. Furnished or not. \$1,250/month + utilities. Arden Ford, days 978-2232, evenings 653-1340.

Four-bedroom renovated furnished Victorian house on quiet residential street. Large kitchen, living- and dining-room, two decks, garage, washer & dryer. One block from University of Toronto, two minutes to subway/streetcar. \$2,500 + expenses. September 1989 to April 1990. Call 595-1556 any time.

O'Connor/Pape. Newly renovated 3-bedroom house, large deck, air-conditioned, TTC, 2-car parking, available for 1 year starting July 1989. Phone 425-6017. \$1,400 + utilities + furnished optional. No pets. References required.

Charming, spaciou 3-bedroom home nestled in an oak forest ravine. Quiet & off street — down private lane. Living-room, fireplace, large terraced deck overlooking perennial garden. Dining-room, gourmet kitchen, laundry room, 1½ baths, Jacuzzi, separate shower, sun-room off master bedroom. Artist's home, skylights throughout. One block from boardwalk, close to public transit & shops. August 1989 — August 1990. References required. \$2,000 + utilities. Call 691-5159.

House to rent. 3-bedroom, renovated, furnished house in Cabbagetown. Finished basement with separate entrance. Driveway, backyard, central air conditioning. July 13 — August 25. Earlier arrangements possible. References, non-smokers. \$1,800. Please call 921-5957 (evenings).

Rosedale — short-term rental. August 1989, one month only. Gracious 4-5 bedroom furnished house, 2½ baths, oak trim, piano, bright airy kitchen, sun-porch, deck, fenced patio/garden. Quiet shady crescent near park (tennis courts), bus, shops \$2,200. 960-4964.

Riverdale: Broadview/Withrow. Elegant 2-bedroom duplex. Separate living- and dining-rooms, oak floors, fireplace, new kitchen and bathroom, laundry, porch, lovely park across street, excellent access to University. Non-smoker. \$1,160 +, immediately. 466-6143.

Downtown West: Bloor/Rusholme. Bright 1-bedroom duplex, living-room with fireplace, oak floors, new eat-in kitchen, new bathroom, laundry, central air conditioning, suit one non-smoker. \$875, immediately. 466-6143.

Renting my apartment during my sabbatical. August 1989 — June 1990. Bloor/Yonge area. Well-furnished with bedroom and study, in high-rise, south exposure, central air conditioning, pool. \$1,200 monthly. Prefer visiting professor. References and bond required. Call 323-0044.

Beautifully furnished home for rent. Bathurst — 3 blocks north of Wilson. 3 bedrooms, plus finished basement with separate entrance, walk-out deck. Available September 1, 1989. Call 398-0786 evenings.

Furnished house for rent. Quiet residential area of Kingsway, walking distance from Royal York subway station. Two bedrooms, spacious recreation room, 1½ bathrooms, appliances, private garden. Available July 1, 1989 — June 30, 1990 but lease may be renewable for subsequent years. \$1,300/month plus utilities. Call Karla (W) 863-3813, (H) 395-0655.

Exceptional location, price, quality! 2-storey, 2-bedroom + den, on tree-lined street, at Bloor & Dovercourt. Suitable for three. Call 789-9822 & leave message. Available July 1st. Exceptional @ \$1,350 inclusive.

Bloor/Yonge subway. 2-bedroom, 2-bathroom, attractively furnished apartment in high-rise, with beautiful view. Available for 3-6 months, from September 1989. Suitable for professional single or couple. \$1,400 (includes hydro, cable, telephone). Inquiries after July 9. 924-8700.

Accommodation Rentals Required

Going away this summer? Responsible, clean female will house-sit your home. Will look after plants, pets, bills, etc. Excellent references available. Extended periods preferred. Please call Lynn Kovacs at 482-6166 days.

Visiting professor, spouse and child wanting to rent house or apartment for August. Prefer close to University. Contact R.D. Mackay, Leicester Polytechnic, Leicester, England, LE1 9BH. Phone: 0533-551551.

Apartment Sought. Professional couple in 40s — educators on 1-year sabbatical at U of T — seek small, quiet apartment (preferably furnished) in Newmarket area beginning August or September. Please call Michael or Verna (301) 592-6457.

Accommodation Shared

Birchmount/Sheppard. Mature professional woman seeks same to share luxury 3-bedroom apartment in well-maintained building. Parking available. Immediate. \$550/month inclusive. 291-9034 after 7 p.m.

Female, non-smoker, looking for same to share newly built two-storey luxury town house in downtown area; two bedrooms each equipped with private washroom, two decks, large kitchen, living- and dining-room, all appliances. \$700/month. Available immediately. Please call Adrienne at 531-8154, 9:00 a.m. — 5:00 p.m. After 5:00 p.m., leave message on answering machine.

Lovely furnished room with private bathroom, semi-private entrance. Now available. Non-smoker. Bloor/Bathurst area. \$575 including utilities. Plus shared kitchen. Bonus option: free membership in yoga exercise classes. Call Archa: 531-5688.

Houses & Properties for Sale

Rosedale. Wonderful north Rosedale family house with Tudor English charm on winding, tree-lined cul-de-sac. 5/6 bedrooms, 3 bathrooms, private back garden, garage, mutual drive. Available immediately. Asking \$619,000. Call 694-7969.

Vacation/Leisure

Tofino, B.C.: Chesterman's Beach Bed & Breakfast. Two private housekeeping units on Tofino's loveliest open ocean beach. Monthly rental October — February. Fax line available, perfect for sabbatical or leave. Joan Dublanko, Box 72, Tofino, B.C. V0R 2Z0. (604) 725-3726.

Thoreau-esque cottage for rent. 3 bedrooms, outdoor firepit, cold running water, badly tuned Heintzman, duck boat. On lake in Kawartha — 100 miles from Toronto. \$400/week. Margo, 978-5370.

BACKPACK CANADA & UNITED STATES, MEXICO & PERU. Adventuresome backpacking treks through the Ocala National Forest in Florida, in the magnificent Canadian Rockies, the Grand Canyon in Arizona, the Appalachians during the autumn colour season, hut hopping in the White Mountains of New Hampshire, the Andes Mountains of Peru, the Chilkoot Trail in the Yukon and the Copper Canyon (Barranca del Cobre) in Mexico. We have some trips where we hike out daily from base camps in scenic backcountry areas. No experience is necessary. Request brochure. WILLARDS ADVENTURE CLUB, Box 10, Barrie, Ontario, Canada L4M 4S9. (705) 737-1881.

For rent. Chandos Lake — 3-bedroom cottage, excellent boating and swimming. \$250 weekly — June and September; \$450 per week — July and August. Phone (705) 656-4670 or (705) 656-3558.

Secretarial and Word Processing

ACADEMIC WORD PROCESSING by U of T graduate. Nine years' experience typing university theses, books, articles, essays. STATE-OF-THE-ART WORD PROCESSOR provides professional results, beginning at \$2.00/page (double-spaced text page). St. George Street. 925-4967.

Miscellaneous

PASSPORT PHOTOS. Located at TGH in rm. CCRW3-802 (3rd floor College St. entrance). Still \$6.50 (Incl. tax) for 2 B/W Polaroid (Cash or Internal Billing only). 595-4084. **Wednesday 11-1** - no appointment necessary.

Victoria B.C. Real Estate. Experienced, knowledgeable realtor with university faculty references. Will answer all queries and send information about retirement or investment properties in Victoria. No cost or obligation. Call collect (604) 592-3666 or write Lois Dutton — Wessex Realty — 1516 Pandora, Victoria, B.C. V8R 1A8.

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Remembering friends in China

by John MacDonald

WHEN MY WIFE and I arrived in Beijing on May 2, we were met at the airport by a young friend whom we knew previously in Canada. We learned then that the State Education Commission — which was sponsoring our visit to seven universities in five Chinese cities — had put us up at the Minzu Hotel, a hotel for Chinese businessmen.

On the evening of May 3, I walked down Changan Avenue (the Avenue of Eternal Peace) to Tiananmen Square. It was virtually empty except for a few families out for an evening stroll. I had no way of knowing what momentous events would take place there the next day.

May 4 began innocently enough. I went off to a meeting at Beijing Teachers' College but returned at noon to find my wife gone. She had been swept up in a cortege of student demonstrators and deposited, as it turned out, in the middle of Tiananmen Square. Realizing that she was probably safe and that there was no way I could get near the square by early afternoon, I bought a few of the hotel staff some Cokes and we spent the afternoon taking pictures of the endless procession of university demonstrators as they poured down Changan Avenue.

The staff on our floor — workers in the hotel who had been entertained by my halting attempts to speak Mandarin — were excitedly hanging out windows and cheering on the students. I thought of these cheerful young souls with horror when I read *Time* magazine's description of events that took place one month later on the night of June 4: "Troops firing from the rooftops and upper floors of Radio Beijing and the Minzu Hotel wounded and killed people who were asleep in their homes."

Are they safe? Do they still have the Polaroid picture I gave them of the student demonstrators they so enthusiastically cheered only one month earlier?

Civility

After I checked out of the Minzu Hotel I realized I had forgotten to pick up my dry cleaning. My wife returned two days later to be cheerfully greeted by the staff, who had kept my trousers aside on the off chance that the crazy foreigner would return to claim his lost laundry. They greeted my "yellow-haired" wife as an old friend.

Such civility and trustworthiness was repeated several days later on an even more improbable scale. On visiting the Forbidden City opposite Tiananmen Square I had laid down my umbrella to buy a ticket. Realizing my oversight, I decided to return the next day to the main entrance to test the "impossible."

I walked to the small police office facing the main entrance thinking that thousands of visitors had passed through the entrance since I had been there. Reluctantly I tried out my guidebook Mandarin on a ragtag group of soldiers huddled in the office and saw to my amazement my umbrella hanging on the wall. After thanking them among a flurry of smiles and handshakes I gave them a playful salute which they gleefully returned. To this day I cannot imagine that these were the troops that one month later fired on their own people in Tiananmen Square.

When we arrived in Wuhan on May 13, we were surprised to find that this

great industrial city — the Pittsburgh of China — had been brought to a standstill by its own huge display of student protesters. We stayed at the Qing Chuan Hotel, a half-mile from the second largest bridge spanning the Yangtze River. During the second night I was awakened by a strange distant sound, a kind of unrelenting mantra that continued all night long. The next morning I discovered that students had occupied the bridge connecting the three cities that form metropolitan Wuhan.

That morning we were to visit East China Normal University and had no idea how we would ever get there since it was on the other side of the river and all

vehicular traffic over the bridge was stopped. Our salvation appeared in the form of an indomitable and courageous woman from ECNU. She bundled us into the university's minibus and tore off to a ferry some miles upstream.

When we got to within a half-mile of the ferry we ran into a long line of trucks that had been waiting all night long for the single ferry. Policemen waved our minivan away, but our guide jumped out of the car and began berating police and military traffic control officers alike, but to no effect. Then when the police were distracted, she jumped back in the

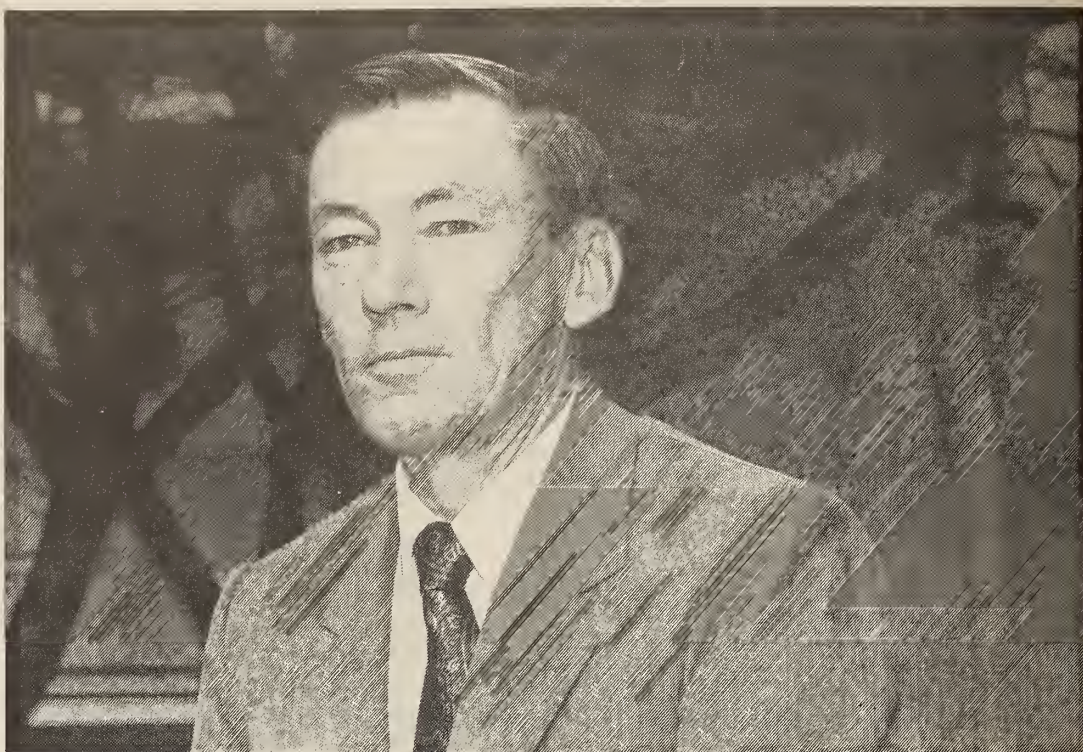
van and signalled the driver to skip behind an overloaded truck and off we sped down the road to the ferry docks — on the wrong side of the road. We made the ferry and were the last car on, on the last car ferry to cross the Yangtze River for a week.

When we were to leave Wuhan for Guilin, we had to cross the Yangtze River again since the train station was on the other side from our hotel. Miss X appeared once again, this time with three friends, and we attempted to cart all our luggage the half-mile to the lone remaining passenger ferry. But even with all this help we could still not manhandle all our luggage to the ferry so Miss X negotiated with the hotel staff for a luggage cart — leaving behind as security her own university work permit — and off we went down the bumpy road like refugees from the Nationalist army fleeing to Taiwan.

We slid down the embankment to the passenger ferry, luggage in hand, clambered over wooden planks to the boat. We were crammed in with workers who, however inconvenienced, still supported the student demonstrators. I "talked" to an old man on the crowded boat, shared a cigarette with him, and as we exchanged ages, I realized he was only 3 years older than I. He had nothing good to say about the government officials in Beijing.

Our overnight train ride from Wuhan to Guilin was hastily arranged as an alternative to our originally scheduled airplane flight because for several days all internal commercial flights had been cancelled — as it turns out because the government in Beijing was using the state-run commercial airline to fly troops into Beijing.

By the time we got to Guilin, a sleepy



John MacDonald

tourist town, martial law had been declared in Beijing and the situation was turning ugly. But even in backwater Guilin there were demonstrations, again roundly applauded by the population at large. By now, however, there had been a total clamp down on news and no information was getting out to the provinces except what could be picked up from Voice of America and the BBC. That, and the students' own jungle telegraph consisting of inter-campus fax machines and computer networks of a very sophisticated kind. The old men in Beijing had overlooked the power of the telecommunication revolution.

So in Guilin it was the students, not national television, that provided us with information on what was going on in the rest of China. In arranging our trip to China the State Education Commission had done something rather shortsighted, although serendipitous for us. Instead of sending an interpreter/guide along with us for our tour, they simply arranged for one university to pass us on to the next location with the result that in every city and university we had a new interpreter — a local contact who became our information sources and our barometer of regional opinion.

Corruption

Many of them were astonishingly frank and outspoken in their contempt of the corruption and tyranny of the gerontocracy in Beijing. They were not fanatics, they were loyal to their country, but they yearned for liberalization and democratization with such zeal and conviction and courage one could only wonder at the hidden wellspring of their faith. A whole generation of young minds cannot be ruled forever by old men in Beijing living out their fantasies of the Long March, cannot be ruled forever when the movement for greater freedom is supported by the workers, the teachers and professional classes. So wherever we went we would ask Lin, Yang or Zhou the latest news. The hunger strikes were continuing, the demonstrations growing and the news from Beijing ever bleaker.

Our short stay in Nanjing proved to be academically and culturally most rewarding. Nanjing, a beautiful tree-lined

city, is the capital of Jiangsu Province which is twinned with the province of Ontario. The Ontario trade and cultural centre in Nanjing is an impressive modern addition to this historic city.

Nanjing Normal University, where we stayed, is very progressive. It was one of the first universities to be opened to foreign students. While there we met so many teachers and foreign experts from Ontario academic institutions (Brock, Ryerson, McMaster) that it felt very much like home-coming weekend for us both.

For other visitors, particularly those from Taiwan, Nanjing had another kind of home-coming feeling, since it served for a time as the Nationalist capital. That feeling of historic roots seemed to have as its focus the impressive mausoleum to Sun Yat-sen. I remember seeing many old men, veterans likely of the old Nationalist armies, bow so reverentially to the tomb of Sun Yat-sen that I had the feeling I was visiting a religious shrine. While the atmosphere at Mao's mausoleum in Tiananmen Square in Beijing is overwhelmingly theatrical, the ambience at Sun Yat-sen's memorial is far more touching and affecting. And, looking back, I wonder how Sun Yat-sen, the father of modern China, must weep when he views from this prospect the deepening tragedy in which his beloved country is now gripped.

By the time we got to Shanghai, our fifth and last stop, the situation had become critical. Outdoor billboards at the universities were still plastered with dazibao (wall newspapers) and slogans calling for the resignation of Deng and Li, but increasingly the petitions which were

accompanied by long lists of signatories were changing — names were being scissored out by students whose original euphoria was now being replaced by fear of reprisal. Still the classroom boycotts continued.

Friends, guests

My closing memories of my last days in Shanghai are curiously mixed and fragmented. With a population of 12 million people crowded in an urban area the size of Toronto, Shanghai is China's most westernized city — a kind of down-at-the-heels Hong Kong. The official part

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